

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA510 Organic Line, ORGANIC AREOLA 010

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ORGANIC AREOLA 010	
Product code	FXA510 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

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2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Yellow 138	30125-47-4	CI 56300	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	F
Carbon black	1333-86-4	CI 77266	G

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

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3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

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5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

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Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

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10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

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11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

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12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

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ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

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Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

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16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank
GESTIS-database on hazardous substances

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SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ORGANIC AREOLA 020	
Product code	FXA520 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

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2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Pigment Yellow 138	30125-47-4	CI 56300	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	F
Carbon black	1333-86-4	CI 77266	G

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

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3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

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5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

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Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

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10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

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11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA520 Organic Line, ORGANIC AREOLA 020
Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA520 Organic Line, ORGANIC AREOLA 020

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA520 Organic Line, ORGANIC AREOLA 020

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA520 Organic Line, ORGANIC AREOLA 020
Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank
GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ORGANIC AREOLA 030	
Product code	FXA530 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Yellow 138	30125-47-4	CI 56300	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA530 Organic Line, ORGANIC AREOLA 030
Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank
GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ORGANIC AREOLA 040	
Product code	FXA540 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	007	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	B
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Yellow 138	30125-47-4	CI 56300	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA540 Organic Line, ORGANIC AREOLA 040
Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank
GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ORGANIC AREOLA 050	
Product code	FXA550 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Yellow 138	30125-47-4	CI 56300	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050
Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA550 Organic Line, ORGANIC AREOLA 050
Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank
GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, WOOD TREASURE	
Product code	FXA600 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Pigment Yellow 138	30125-47-4	CI 56300	B
Water	7732-18-5	Aqua	C
Titanium dioxide	13463-67-7	CI 77891	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	D
Pigment Red 177	4051-63-2	CI 65300	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA600 Organic Line, WOOD TREASURE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ORGANIC AREOLA 97	
Product code	FXA697 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Titanium dioxide	13463-67-7	CI 77891	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Pigment Red 177	4051-63-2	CI 65300	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97
Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97
Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXA697 Organic Line, ORGANIC AREOLA 97

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, GOLDEN DESSERT	
Product code	FXB510 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Yellow 138	30125-47-4	CI 56300	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	F
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT
Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT
Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB510 Organic Line, GOLDEN DESSERT
Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank
GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, PEANUT BUTTER	
Product code	FXB515 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Yellow 138	30125-47-4	CI 56300	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB515 Organic Line, PEANUT BUTTER

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, TOFFEE	
Product code	FXB520 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB520 Organic Line, TOFFEE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ICE COFFEE	
Product code	FXB524 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB524 Organic Line, ICE COFFEE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, COCONUT	
Product code	FXB535 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB535 Organic Line, COCONUT

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, HAZELNUT	
Product code	FXB540 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	C
Titanium dioxide	13463-67-7	CI 77891	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Pigment Red 254	84632-65-5	CI 56110	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB540 Organic Line, HAZELNUT

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, VELVET BROWN	
Product code	FXB545 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Red 254	84632-65-5	CI 56110	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB545 Organic Line, VELVET BROWN

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, MAHAGONY	
Product code	FXB550 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	D
Pigment Red 254	84632-65-5	CI 56110	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB550 Organic Line, MAHAGONY

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, DARK CHOCOLATE	
Product code	FXB560 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA- code]
Water	7732-18-5	Aqua	C
Titanium dioxide	13463-67-7	CI 77891	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Red 254	84632-65-5	CI 56110	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB560 Organic Line, DARK CHOCOLATE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, OLIVE TREE	
Product code	FXB566 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	C
Titanium dioxide	13463-67-7	CI 77891	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Pigment Red 254	84632-65-5	CI 56110	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB566 Organic Line, OLIVE TREE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ESPRESSO	
Product code	FXB580 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	C
Titanium dioxide	13463-67-7	CI 77891	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Red 254	84632-65-5	CI 56110	E
Carbon black	1333-86-4	CI 77266	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB580 Organic Line, ESPRESSO

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, TOSCANA	
Product code	FXB600 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Pigment Yellow 138	30125-47-4	CI 56300	B
Water	7732-18-5	Aqua	C
Titanium dioxide	13463-67-7	CI 77891	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 177	4051-63-2	CI 65300	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB600 Organic Line, TOSCANA

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, NOISETTE	
Product code	FXB614 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	005	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Pigment Yellow 138	30125-47-4	CI 56300	B
Water	7732-18-5	Aqua	C
Titanium dioxide	13463-67-7	CI 77891	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 177	4051-63-2	CI 65300	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB614 Organic Line, NOISETTE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, FROSTY PRALINE	
Product code	FXB620 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Yellow 138	30125-47-4	CI 56300	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 177	4051-63-2	CI 65300	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB620 Organic Line, FROSTY PRALINE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, BUTTERFLY	
Product code	FXB630 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	B
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 177	4051-63-2	CI 65300	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB630 Organic Line, BUTTERFLY

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, HOT STONE	
Product code	FXB645 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Pigment Yellow 138	30125-47-4	CI 56300	B
Water	7732-18-5	Aqua	C
Titanium dioxide	13463-67-7	CI 77891	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Red 177	4051-63-2	CI 65300	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB645 Organic Line, HOT STONE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, CHESTNUT	
Product code	FXB660 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Pigment Yellow 138	30125-47-4	CI 56300	B
Water	7732-18-5	Aqua	C
Titanium dioxide	13463-67-7	CI 77891	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	D
Pigment Red 177	4051-63-2	CI 65300	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB660 Organic Line, CHESTNUT

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, PERSIAN HORSE	
Product code	FXB670 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Pigment Yellow 138	30125-47-4	CI 56300	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	D
Titanium dioxide	13463-67-7	CI 77891	D
Pigment Red 177	4051-63-2	CI 65300	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB670 Organic Line, PERSIAN HORSE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, AMAZON	
Product code	FXB680 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Pigment Yellow 138	30125-47-4	CI 56300	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Titanium dioxide	13463-67-7	CI 77891	D
Pigment Red 177	4051-63-2	CI 65300	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB680 Organic Line, AMAZON

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, MARSALA	
Product code	FXB683 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA- code]
Water	7732-18-5	Aqua	C
Titanium dioxide	13463-67-7	CI 77891	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 177	4051-63-2	CI 65300	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB683 Organic Line, MARSALA

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, GEISHA	
Product code	FXB690 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Pigment Yellow 138	30125-47-4	CI 56300	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Titanium dioxide	13463-67-7	CI 77891	D
Pigment Red 177	4051-63-2	CI 65300	D
Glycerol	56-81-5	Glycerin	E
Carbon black	1333-86-4	CI 77266	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB690 Organic Line, GEISHA

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ARGAN	
Product code	FXB697 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Titanium dioxide	13463-67-7	CI 77891	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Pigment Red 177	4051-63-2	CI 65300	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXB697 Organic Line, ARGAN

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, Corrective AMBER	
Product code	FXBE510 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	B
Propan-1,2-diol	57-55-6	Propylene glycol	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	E
Carbon black	1333-86-4	CI 77266	G

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER
Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	beige

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER
Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER
Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBE510 Organic Line, Corrective AMBER
Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank
GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, DEEP BLACK	
Product code	FXBL020 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	B
Carbon black	7440-44-0	CI 77266	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	black

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL020 Organic Line, DEEP BLACK

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, BLACK BEAUTY	
Product code	FXBL022 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	005	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	B
Carbon black	1333-86-4	CI 77266	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	D
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Polyethylene glycol 8	25322-68-3	PEG-8	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	black

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBL022 Organic Line, BLACK BEAUTY

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, SAPPHIRE	
Product code	FXBU560 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	B
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Titanium dioxide	13463-67-7	CI 77891	D
Pigment Blue 60	147-14-8	CI 69800	D
Glycerol	56-81-5	Glycerin	D
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	blue

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXBU560 Organic Line, SAPPHIRE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ORGANIC CAMO 010	
Product code	FXC510 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	007	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Yellow 138	30125-47-4	CI 56300	F
Pigment Red 254	84632-65-5	CI 56110	G
Carbon black	1333-86-4	CI 77266	G

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010
Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010
Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010
Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC510 Organic Line, ORGANIC CAMO 010
Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank
GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ORGANIC CAMO 020	
Product code	FXC520 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Yellow 138	30125-47-4	CI 56300	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	F
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020
Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020
Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020
Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC520 Organic Line, ORGANIC CAMO 020
Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank
GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ORGANIC CAMO 030	
Product code	FXC530 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	005	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Yellow 138	30125-47-4	CI 56300	E
Pigment Red 254	84632-65-5	CI 56110	F
Carbon black	1333-86-4	CI 77266	G

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030
Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030
Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030
Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC530 Organic Line, ORGANIC CAMO 030
Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank
GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ORGANIC CAMO 040	
Product code	FXC540 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	005	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Yellow 138	30125-47-4	CI 56300	E
Pigment Red 254	84632-65-5	CI 56110	F
Carbon black	1333-86-4	CI 77266	G

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040
Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040
Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040
Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC540 Organic Line, ORGANIC CAMO 040
Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank
GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, NUDE PARIS	
Product code	FXC600 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Pigment Yellow 138	30125-47-4	CI 56300	B
Water	7732-18-5	Aqua	C
Titanium dioxide	13463-67-7	CI 77891	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 177	4051-63-2	CI 65300	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	brown

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBI. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBI. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXC600 Organic Line, NUDE PARIS

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	DILUTION	
Product code	FXDL25 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	001	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	B
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	D
Polyethylene glycol 8	25322-68-3	PEG-8	D

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	colorless

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBI. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBI. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXDL25 DILUTION

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, GRAPHITE	
Product code	FXGY510 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	grey

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXGY510 Organic Line, GRAPHITE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, Corrective KHAKI	
Product code	FXKH525 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	B
Pigment Yellow 138	30125-47-4	CI 56300	C
Titanium dioxide	13463-67-7	CI 77891	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	F
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI
Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	green

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI
Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXKH525 Organic Line, Corrective KHAKI

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, Corrective OLIVE	
Product code	FXOL530 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	005	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	B
Titanium dioxide	13463-67-7	CI 77891	B
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Carbon black	1333-86-4	CI 77266	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	green

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXOL530 Organic Line, Corrective OLIVE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, PAPAYA	
Product code	FXR501 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Pigment Red 254	84632-65-5	CI 56110	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	G

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR501 Organic Line, PAPAYA

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, Corrective MANDARIN	
Product code	FXR504 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	005	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Pigment Yellow 138	30125-47-4	CI 56300	B
Water	7732-18-5	Aqua	B
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Titanium dioxide	13463-67-7	CI 77891	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN
Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN
Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN
Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR504 Organic Line, Corrective MANDARIN

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, POMEGRANATE	
Product code	FXR505 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	002	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	D
Ethanol	64-17-5	Alcohol	D
Pigment Yellow 138	30125-47-4	CI 56300	D
Glycerol	56-81-5	Glycerin	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Pigment Red 254	84632-65-5	CI 56110	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR505 Organic Line, POMEGRANATE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, NOUGAT	
Product code	FXR510 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Pigment Red 254	84632-65-5	CI 56110	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR510 Organic Line, NOUGAT

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, PEACH	
Product code	FXR512 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	D
Pigment Yellow 138	30125-47-4	CI 56300	D
Pigment Red 254	84632-65-5	CI 56110	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR512 Organic Line, PEACH

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, TASTY NUDE	
Product code	FXR515 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Pigment Yellow 138	30125-47-4	CI 56300	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Red 254	84632-65-5	CI 56110	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR515 Organic Line, TASTY NUDE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ANTIC ROSE	
Product code	FXR525 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Pigment Red 254	84632-65-5	CI 56110	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	D
Pigment Yellow 138	30125-47-4	CI 56300	E
Glycerol	56-81-5	Glycerin	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR525 Organic Line, ANTIC ROSE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, CHERRY BLOSSOM	
Product code	FXR530 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Red 254	84632-65-5	CI 56110	D
Pigment Yellow 138	30125-47-4	CI 56300	D
Glycerol	56-81-5	Glycerin	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM
Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM
Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM
Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR530 Organic Line, CHERRY BLOSSOM

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line BERRY KISS	
Product code	FXR544 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	005	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Pigment Red 254	84632-65-5	CI 56110	C
Propan-1,2-diol	57-55-6	Propylene glycol	D
Ethanol	64-17-5	Alcohol	D
Pigment Red 177	4051-63-2	CI 65300	D
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR544 Organic Line BERRY KISS

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, LE ROUGE	
Product code	FXR550 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	D
Pigment Red 254	84632-65-5	CI 56110	D
Pigment Yellow 138	30125-47-4	CI 56300	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR550 Organic Line, LE ROUGE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, CRANBERRY	
Product code	FXR555 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	005	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Pigment Red 254	84632-65-5	CI 56110	B
Water	7732-18-5	Aqua	B
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Red 177	4051-63-2	CI 65300	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR555 Organic Line, CRANBERRY

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, MERLOT	
Product code	FXR570 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	007	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	C
Pigment Red 254	84632-65-5	CI 56110	C
Titanium dioxide	13463-67-7	CI 77891	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Red 177	4051-63-2	CI 65300	D
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	D
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Carbon black	1333-86-4	CI 77266	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR570 Organic Line, MERLOT

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, SWEET PLUM	
Product code	FXR572 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Water	7732-18-5	Aqua	C
Titanium dioxide	13463-67-7	CI 77891	C
Pigment Red 254	84632-65-5	CI 56110	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Yellow 138	30125-47-4	CI 56300	D
Glycerol	56-81-5	Glycerin	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR572 Organic Line, SWEET PLUM

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, FUCHSIA	
Product code	FXR576 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	006	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Pigment Red 254	84632-65-5	CI 56110	C
Propan-1,2-diol	57-55-6	Propylene glycol	D
Ethanol	64-17-5	Alcohol	D
Pigment Red 177	4051-63-2	CI 65300	D
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR576 Organic Line, FUCHSIA

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, DRAGON FRUIT	
Product code	FXR580 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	005	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Red 177	4051-63-2	CI 65300	D
Pigment Red 254	84632-65-5	CI 56110	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR580 Organic Line, DRAGON FRUIT

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, FLAMINGO	
Product code	FXR582 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	004	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	D
Pigment Red 177	4051-63-2	CI 65300	D
Glycerol	56-81-5	Glycerin	E
Pigment Red 254	84632-65-5	CI 56110	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR582 Organic Line, FLAMINGO

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, ROMANTIQUE	
Product code	FXR585 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Red 254	84632-65-5	CI 56110	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Yellow 138	30125-47-4	CI 56300	E
Carbon black	1333-86-4	CI 77266	G

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (d_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended.

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR585 Organic Line, ROMANTIQUE

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, BRICK RED	
Product code	FXR590 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Titanium dioxide	13463-67-7	CI 77891	B
Water	7732-18-5	Aqua	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Pigment Yellow 138	30125-47-4	CI 56300	D
Pigment Red 254	84632-65-5	CI 56110	E
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Carbon black	1333-86-4	CI 77266	F

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	red

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXR590 Organic Line, BRICK RED

Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank

GESTIS-database on hazardous substances

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW

Revision date: 28.10.2021

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

Trade name	Organic Line, Corrective YELLOW	
Product code	FXYE520 -*	*: any character string
Synonyms	none	
REACH Registration number	not necessary	
Version number	003	
Revision date	28.10.2021	

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Identified uses

Intradermal application by penetration into the dermis as a micropigmentation as well as a body tattoo.

1.2.2 Uses advised against

Any use not pointed out in 1.2.1.

1.3 Details of the supplier of the safety data sheet

Company name	MT.DERM GmbH
Address	Blohmstr. 31 - 61 12307 Berlin Germany
E-Mail	info@mtderm.de
Telephone	+49(30) – 7676 6220 - 4

1.4 Emergency telephone number

Contact supplier of the data sheet.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW

Revision date: 28.10.2021

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Hazard summary	Not to be classified regarding regulation 1999/45/EC.
Physical hazards	none to be expected
Health hazards	none to be expected acutely; sensitization possible but unlikely
Environmental hazards	none to be expected
Specific hazards	none to be expected
Main symptoms	none to be expected



2.1.1 Additional hazards identification for humans / environment

None to be expected.

2.2 Label elements

The labelling is based on the labelling of the pure compound ethanol, no labelling is necessary for the final product.

Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	 
Signal word	Danger
Hazard statements	H225 + H319

Label according to Regulation 67/548/EWG or 1999/45/EC

Hazard pictograms	 
R-phrases	R: 11

Precautionary statements

Prevention	P210, P240, P305 + P351 + P338
Storage	P403 + P233
Disposal	none

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW

Revision date: 28.10.2021

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

3.2.1 General information

Suspension of coloured pigments in a water based liquid.

3.2.2 Composition

Chemical Identity	CAS-No.	INCI Name / C.I. No.	Quantity [FDA-code]
Pigment Yellow 138	30125-47-4	CI 56300	B
Water	7732-18-5	Aqua	B
Titanium dioxide	13463-67-7	CI 77891	C
Propan-1,2-diol	57-55-6	Propylene glycol	C
Ethanol	64-17-5	Alcohol	C
Glycerol	56-81-5	Glycerin	E
Polyethylene glycol 8	25322-68-3	PEG-8	E
PVP/VA Copolymer	25086-89-9	PVP/VA Copolymer	E
Pigment Red 254	84632-65-5	CI 56110	F
Carbon black	1333-86-4	CI 77266	G

FDA-Codes:

A1	=	75 – 100 %
A2	=	50 – 75 %
B	=	25 – 50 %
C	=	10 – 25 %
D	=	5 – 10 %
E	=	1 – 5 %
F	=	0,1 – 1 %
G	=	< 0,1 %

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW
Revision date: 28.10.2021

3.3 Additional information

Pigmentation colors may contain traces of nickel and chromium. Ingredients may cause allergic reactions.

SECTION 4: First aid measures

General information

As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area is suggested.

4.1 Description of first aid measures

Inhalation	In case of discomfort seek medical advice.
Skin contact	Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.
Eye contact	Flush with plenty of water for 15 minutes or use eyewash lotion. In case of discomfort seek medical advice.
Ingestion	Do not induce vomiting. Flush mouth with water. In case of discomfort seek medical advice.

4.1.1 Self-protection measures of the first aider

Not needed.

4.2 Most important symptoms and effects, both acute and delayed

Nothing known or to be expected.

4.3 Indication of any immediate medical attention / special treatment needed

Nothing known or to be expected.

SECTION 5: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW
Revision date: 28.10.2021

5.1.2 Unsuitable extinguishing media

No restrictions known.

5.2 Details on fire-fighting measures

5.2.1 Special hazards arising from the substance or mixture

None known or to be expected.

5.2.2 Special protective equipment for firefighters

Follow the general fire precautions indicated in the affected area.

5.3 Additional information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No harm expected. Wear appropriate equipment / clothing during clean-up.
For emergency responders	No harm expected. No special precautions necessary.

6.2 Environmental precautions

None needed, material is not harmful to the environment.

6.3 Methods and material for containment and cleaning up

Use common cleaning products. Small amounts can be disposed of with the regular waste.

6.4 Reference to other sections

For waste disposal see additionally section 13.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW
Revision date: 28.10.2021

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1.1 General handling

Seal packaging tightly after usage.

7.1.2 General hygiene measures

Do not eat, drink and/or smoke during handling. Clean already opened packages outward disinfectant and seal it again after usage. Follow the mandatory shelf life of the products before and after opening. Wash hands prior to use and follow local hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage conditions

Store indoors in a dry place and not exposed to direct sunlight. Keep temperature above freezing point and below 35°C.

7.2.2 Packaging materials

Use original packaging.

7.2.3 Requirements for storage areas and containers

The storage area has to stay dry and should not have direct sunlight. Frequent temperature fluctuations should be avoided and should only exceed the in 7.2.1 mentioned long term conditions for short amounts of time, but must not be above 45°C.

7.2.4 Incompatibilities during storage

None known if kept in the original packaging.

7.3 Specific end use(s)

Intradermal application using needle techniques commonly used for permanent make-up and tattoo excluding direct injections.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW

Revision date: 28.10.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1. Occupational exposure limits

component	limit value	form
Ethanol	200 ml/m ³ / 380 mg/m ³	Dampf / Gas

8.1.2 Additional exposure limits under working conditions

None known.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Provide adequate ventilation of the working place.

8.2.2 Individual protection measures, such as personal protective equipment

General information	Product contact is supposed to cause no harm. The following protection measures are supposed to minimize the risk for example of irritations from vapours or unwanted staining of objects.
Eye/face protection	Wear safety goggles where there is risk of eye contact.
Skin protection	Wear suitable gloves. Suitable gloves can be recommended by the glove supplier.
Respiratory protection	Provide adequate ventilation.
Thermal hazards	None known.
Hygiene measures	Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling the material.
Environmental exposure controls	Contain spills and prevent releases and observe national regulations on emissions.

SECTION 9: Physical and chemical properties

9.1 General information

Appearance	Coloured opaque liquid
Physical state	Liquid
Form	viscous Liquid
Colour	yellow

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW

Revision date: 28.10.2021

Odour	Neutral to slightly alcoholic
Odour threshold	Not available

9.1.1 Important health, safety and environmental information

pH value / range	6,5 - 8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density (ρ_{20}^{20})	1,03 – 1,55
Solubility(ies)	Liquid is soluble in water. Pigments are insoluble.
Partition coefficient (n-octanol/water)	Not available.
Autoignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not determined.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2 Other information

None.

SECTION 10: Stability and reactivity

The product is stable and non reactive under normal conditions of use, storage and transport.

10.1 Reactivity

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW
Revision date: 28.10.2021

10.2 Chemical stability

No reactions expected under in this data sheet mentioned storage and usage conditions. Do not mix with products not to be intended for that use.

10.3 Possibility of dangerous reactions

None known or to be expected.

10.4 Conditions to avoid

Avoid exceeded temperatures like pointed out in section 7 for the product may become more viscous or dry and will be no longer applicable.

10.5 Materials to avoid

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products are known if used, stored and transported under normal conditions pointed out in this MSDS.

SECTION 11: Toxicological information

General information

The product does not have any known toxic or comparable adverse effects on human health.

Information on likely routes of exposure

Ingestion	Inhalation may irritate respiratory system.
Inhalation	Inhalation may irritate respiratory system.
Skin contact	No adverse effects known or expected.
Eye contact	Direct contact may irritate the eyes.

Symptoms related to physical, chemical and toxicological properties

Irritations may occur after above mentioned exposures, other symptoms not known and unlikely.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW
Revision date: 28.10.2021

11.1 Information on toxicological effects

Acute toxicity	No acute toxicity known by any ingredient concerning the used concentration.
Skin corrosion/irritation	None known or expected.
Serious eye damage/irritation	Direct contact may irritate the eyes.
Sensitisation	None known.
Toxicity - repeated exposure	None known for single ingredients, not available for mixture.
Carcinogenicity	None known for single ingredients, not available for mixture.
Mutagenicity	None known for single ingredients, not available for mixture.
Reproductive toxicity	None known for single ingredients, not available for mixture.

Other information

No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1 Ecotoxicity

The product is not expected to be hazardous to the environment.

12.2 Persistence and degradability

Abiotic degradability	The degradability of the product has not been stated.
Photochemical degradability	No significant photochemical decomposition expected.
Biodegradability	The degradability of the product has not been stated.
Bio concentration factor (BCF)	Not available.
Longterm eco-toxicity	Not available.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant due to the general insolubility of the solid compounds. Accumulation of the water soluble compounds is unlikely as well.

12.4 Mobility

The liquid phase of the product is water soluble, the solid phase of the product is insoluble and will sediment in static liquid systems.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW
Revision date: 28.10.2021

12.5 Results of PBT and vPvB assessment

Not a PBT or vPvB mixture.

12.6 Other adverse effects

Not available.

12.7 Other ecological information

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of residual waste in accordance with local regulations. Disposal into waste water is not recommended

13.2 Waste codes

EAK/AVV	08 01 20
EU	08 01 20
EPA (US)	Not defined as hazardous waste.

13.3 Contaminated packaging

Dispose of in accordance with local regulations.

13.4 Additional information / Special precautions

None.

SECTION 14: Transport information

14.1 Land transportation

ADR	The product is not covered by international regulation on the transport of dangerous goods.
RID	The product is not covered by international regulation on the transport of dangerous goods.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW

Revision date: 28.10.2021

ADN	The product is not covered by international regulation on the transport of dangerous goods.
GGVSE	The product is not covered by international regulation on the transport of dangerous goods.

14.2 Sea transportation

IMDG	The product is not covered by international regulation on the transport of dangerous goods.
GGVSee	The product is not covered by international regulation on the transport of dangerous goods.

14.3 Air freight

IATA	The product is not covered by international regulation on the transport of dangerous goods.
DGR	The product is not covered by international regulation on the transport of dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the

15.1.1 EU regulations

Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up

15.1.2 National regulations

Follow national and local regulations related to this kind of product, the following list might be incomplete:

Germany	Deutsche Tätowiermittel-Verordnung über Mittel zum Tätowieren einschließlich bestimmter vergleichbarer Stoffe und Zubereitungen aus Stoffen
	BGBl. 139. Verordnung: Zugangsvoraussetzungen für das reglementierte Gewerbe der Kosmetik (Schönheitspflege)
	BGBl. 141. Verordnung: Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW

Revision date: 28.10.2021

Austria	BGBI. 261. Verordnung: Änderung der Verordnung über Ausübungsregeln für das Piercen und Tätowieren durch Kosmetik(Schönheitspflege)-Gewerbetreibende
	BGBI. 262. Verordnung: Ausübungsregeln für Fußpflege, Kosmetik und Massage durch Gewerbetreibende, Anlage 1
Netherlands	Besluit van 14 augustus 2003 tot het stellen van regels betreffende de veiligheid van tatoeagekleurstoffen (Warenwetbesluit tatoeagekleurstoffen)
France	Décret n° 2008-210 du 3 mars 2008 fixant les règles de fabrication, de conditionnement et d'importation des produits de tatouage, instituant un système national de vigilance et modifiant le code de la santé publique (dispositions réglementaires)
Switzerland	Verordnung des EDI über Gegenstände für den Schleimhaut-, Haut- und Haarkontakt sowie über Kerzen, Streichhölzer, Feuerzeuge und Scherzartikel (Verordnung über Gegenstände für den Humankontakt)

Other regulations

None known.

15.2 Chemical Safety Assessment

A safety assessment for this product has been carried out.

SECTION 16: Other information

16.1 Full text of any statements or R-phrases and H-statements under Sections 2

H225: Highly flammable liquid and vapour.

16.2 Training information

May only be used by medical personnel or trained micropigmentation personnel.

16.3 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Material Safety Data Sheet

according to Regulation (EG) 1907/2006 (REACH)

Trade name: FXYE520 Organic Line, Corrective YELLOW
Revision date: 28.10.2021

16.4 Other information

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent, very bioaccumulative

16.5 References

HSDB® - Hazardous Substances Data Bank
GESTIS-database on hazardous substances