

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Trade name : FIBROLIT® - Stanzschmieröl
Product code : 280.36.006; 280.36.006.5

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Use of the substance/mixture : Metal machining operations

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet**Supplier**

FIBRO GmbH Geschäftsbereich Normalien
August-Läpple-Weg
P.O. Box 1120
74855 Hassmersheim - Deutschland
T +49 6266-73-0 - F +49 6266-73-237
info@fibro.de

Safety Data Sheet

info@ubsplus.de

1.4. Emergency telephone number

Emergency number : +49 761 19240
(VIZ Freiburg, 24 h, German & English)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Asp. Tox. 1 H304
Aquatic Chronic 3 H412

Full text of H statements : see section 16

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS08

Signal word (CLP) : Danger
Hazardous ingredients : C11-15-ISOALKANES
Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways.
H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) : P273 - Avoid release to the environment.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor.
P331 - Do NOT induce vomiting.
P405 - Store locked up.
P501 - Dispose of contents/container to an approved waste disposal plant
EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients
3.1. Substances

Not applicable

3.2. Mixtures

Comments (on top of composition) : Solvent

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
C11-15-ISOALKANES	(CAS-No.) 90622-58-5 (EC-No.) 292-460-6	90 - 100	Asp. Tox. 1, H304
Alcohols, C12-15-, branched and linear, ethoxylated, propoxylated	(CAS-No.) 120313-48-6	2.5 - 5	Skin Irrit. 2, H315 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

SECTION 4: First aid measures
4.1. Description of first aid measures

- First-aid measures general : Move the affected person away from the contaminated area. Fresh air, rest. Prevent cooling by covering the victim (no warming up). If unconscious place in recovery position and seek medical advice. Do not give an unconscious person anything to drink. Remove soiled clothing promptly.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.
- First-aid measures after skin contact : Immediately remove contaminated clothing or footwear. Rinse and then wash skin thoroughly with water and soap. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.
- First-aid measures after ingestion : Rinse mouth with water, do not induce vomiting, call a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after ingestion : Aspiration hazard. May be fatal if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

Aspiration hazard.

SECTION 5: Firefighting measures
5.1. Extinguishing media

 Suitable extinguishing media : water, carbon dioxide (CO₂), powder and foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Vapour/air mixtures are explosive.

Hazardous decomposition products in case of fire : Carbon monoxide. Carbon dioxide.

5.3. Advice for firefighters

Firefighting instructions : Do not allow run-off from fire fighting to enter drains or water courses. Do not contaminate ground and surface water.

Protection during firefighting : Extra personal protection: complete protective clothing including self-contained breathing apparatus.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate the danger area. Keep public away from danger area. Mark the danger area. Ventilate spillage area.

6.1.1. For non-emergency personnel

Protective equipment : Wear personal protective equipment.

6.1.2. For emergency responders

Protective equipment : Wear personal protective equipment.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Dike and contain spill. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4. Reference to other sections

Fire fighting measures. SECTION 5. Personal protective equipment. SECTION 8. Disposal considerations. SECTION 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Read label before use. Ensure good ventilation of the work station. Take precautionary measures against static discharge. Keep away from sources of ignition - No smoking.

Hygiene measures : Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with soap and water before leaving work. Apply emollient cream.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool and well-ventilated place.

Incompatible materials : oxidising compounds.

Heat and ignition sources : Keep away from sources of ignition - No smoking. Store away from direct sunlight or other heat sources.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Materials for protective clothing : Wear proper protective equipment

Hand protection : Chemically resistant protective gloves. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. . Penetration time of glove material : >480 min (EN 374). Material : Nitrile rubber (0,7 mm)

Eye protection : Sealed safety goggles. (EN 166).

Respiratory protection : Not necessary with sufficient ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Breathing apparatus with filter. Filter type: A. Appropriate self-contained breathing apparatus may be required



Other information : Avoid contact with skin and eyes. Do not inhale vapour.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Yellow

Odour : characteristic

Odour threshold : Not determined

pH : Not determined

Relative evaporation rate (butylacetate=1) : Not determined

Melting point : Not determined

Freezing point : Not determined

Boiling point : > 180 °C

Flash point : ≈ 62 °C (ISO 2719)

Auto-ignition temperature : No data available

Decomposition temperature : Not determined

Flammability (solid, gas)	: Not applicable.
Vapour pressure	: 0.1 hPa (20 °C)
Relative vapour density at 20 °C	: Not determined
Relative density	: Not determined
Density	: 0.78 g/cm ³
Solubility	: Water: Insoluble
Log Pow	: Not determined
Viscosity, kinematic	: 1.93 m ² /s (40 °C)
Viscosity, dynamic	: No data available
Explosive properties	: Explosive vapour/air mixtures may be formed.
Oxidising properties	: Not known.
Explosive limits	: 0.6 - 7 vol %

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Ignition sources.

10.5. Incompatible materials

Oxidizing agent.

10.6. Hazardous decomposition products

Carbon monoxide.

SECTION 11: Toxicological information
11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

C11-15-ISOALKANES (90622-58-5)	
LD50 oral rat	> 5000 ml/kg (OECD 401 method)
LD50 dermal rat	> 5000 mg/kg (OECD 402 method)

Alcohols, C12-15-, branched and linear, ethoxylated, propoxylated (120313-48-6)	
LD50 oral rat	> 2000 mg/kg

Skin corrosion/irritation	: Not classified Calculation method Repeated exposure may cause skin dryness or cracking. pH: Not determined
Serious eye damage/irritation	: Not classified (No data available) pH: Not determined
Respiratory or skin sensitisation	: Not classified (No data available)
Germ cell mutagenicity	: Not classified (No data available)
Carcinogenicity	: Not classified (No data available)
Reproductive toxicity	: Not classified (No data available)
STOT-single exposure	: Not classified (No data available)
STOT-repeated exposure	: Not classified (No data available)
Aspiration hazard	: May be fatal if swallowed and enters airways.

FIBROLIT® - Stanzschmieröl	
Viscosity, kinematic	1930000 mm ² /s (40 °C)

SECTION 12: Ecological information
12.1. Toxicity

Ecology - water : No data available.

C11-15-ISOALKANES (90622-58-5)	
LC50 fish 1	2890 mg/l (OECD 203 method)
EC50 Daphnia 1	> 100 mg/l daphnia magna
Alcohols, C12-15-, branched and linear, ethoxylated, propoxylated (120313-48-6)	
LC50 fish 1	> 10 mg/l (OECD 203 method, Pimephales promelas)
EC50 Daphnia 1	1 mg/l (daphnia magna)
NOEC (chronic)	0.25 mg/l (daphnia magna, 21 d)

12.2. Persistence and degradability

FIBROLIT® - Stanzschmieröl	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

FIBROLIT® - Stanzschmieröl	
Log Pow	Not determined
Bioaccumulative potential	Not determined.

12.4. Mobility in soil

FIBROLIT® - Stanzschmieröl	
Ecology - soil	No data available.

12.5. Results of PBT and vPvB assessment

FIBROLIT® - Stanzschmieröl	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations
13.1. Waste treatment methods

Regional legislation (waste) : This material and its container must be disposed of in a safe way, and as per local legislation.
 Sewage disposal recommendations : Do not allow to enter drains or water courses.
 Product/Packaging disposal recommendations : Do not dispose of with domestic waste.
 Additional information : Handle uncleaned empty containers as full ones.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user
- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

No data available

- Rail transport

No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations : Ozone layer depleting substances: Not subject to Regulation (EC) No 1005/2009. Persistent organic pollutants (POPs): Not subject to Regulation (EC) No 850/2004. Export and import of dangerous chemicals: Not subject to Regulation (EC) No 649/2012. Control of major-accident hazards (COMAH, Seveso III): Not subject to Directive 2012/18/EC.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

8.1	substance with national workplace exposure limit(s)	Added	
15.1	Regulatory information	Modified	

Full text of H- and EUH-statements:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Asp. Tox. 1	H304	Expert judgment
Aquatic Chronic 3	H412	Calculation method

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product