

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 12.12.2019

Version number 103

Revision: 12.12.2019

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

- **1.1 Product identifier**
- **Trade name** Silicone Fluid
- **Article number:** LOS170
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Intermediate
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
EURO-LOCK Vertriebs-GmbH
Nordweststr. 3
D-59387 Ascheberg
Phone: + 49(0)2593 95887-0
Fax: + 49(0)2593 95887-29
- **Informing department:**
Tel.: + 49(0)2593 95887-0
E-mail: info@euro-lock.de
- **1.4 Emergency telephone number:**
+ 49(0)2593 95887-0
Monday - Thursday 8:00 - 17:00 CET, Friday 8:00 - 13:00 CET

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Flam. Liq. 2 H225 Highly flammable liquid and vapour.
Skin Irrit. 2 H315 Causes skin irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02 GHS07 GHS08 GHS09

- **Signal word** Danger
- **Hazard-determining components of labelling:**
Naphtha (petroleum), hydrotreated light
- **Hazard statements**
H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 12.12.2019

Version number 103

Revision: 12.12.2019

Trade name: Silicone Fluid

(Contd. of page 1)

- Precautionary statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
- P243 Take action to prevent static discharges.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P321 Specific treatment (see on this label).
- P331 Do NOT induce vomiting.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- 2.3 Other hazards
- Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- 3.2 Mixtures
- Description: Mixture of the substances listed below with harmless additions

- Dangerous components:

CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	50-100%
EINECS: 265-151-9	Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411;	
Reg.nr.: 01-2119475514-35	Skin Irrit. 2, H315; STOT SE 3, H336	

- Additional information

For the wording of the listed hazard phrases refer to section 16.

The component Naphtha contains less than 0,1 % benzene. Classification and labelling as a carcinogen or mutagen is not required (Note P, Annex VI, Regulation (EC) No 1272/2008).

SECTION 4: First aid measures

- 4.1 Description of first aid measures

- **General advice:** Instantly remove any clothing soiled by the product.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**
Remove contaminated clothing immediately. Wash affected areas with plenty of water und soap. If irritation continues, contact a doctor.
- **After eye contact**
Rinse immediately opened eye for several minutes under running water. Then consult doctor.
- **After swallowing**
Do not induce vomiting; instantly call for medical help.
If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.

(Contd. on page 3)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 12.12.2019

Version number 103

Revision: 12.12.2019

Trade name: Silicone Fluid

(Contd. of page 2)

- Information for doctor

Cleaning of the stomach should only be carried out with endotracheal intubation. Danger of aspiration. Renew lipid coating of the skin in order to protect against dermatitis. Symptomatic treatment.

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

No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media**- Suitable extinguishing agents**

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

- For safety reasons unsuitable extinguishing agents Water with a full water jet.**- 5.2 Special hazards arising from the substance or mixture**

Can form explosive gas-air mixtures. In case of incomplete combustion carbon monoxide can arise. Fumes are heavier than air and distributed over ground. Inflammation is possible from a far distance.

- 5.3 Advice for firefighters**- Protective equipment:** Wear full protective suit with self-contained breathing apparatus.**- Additional information**

Endangered containers in the surrounding area should be cooled with a water-hose.

Collect contaminated fire fighting water separately. It must not enter drains.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment and keep unprotected persons away.

Extinguish naked flames. Remove flammable sources. No smoking. Avoid sparks. Avoid contact with skin, eyes and clothing. Avoid inhalation of fumes. Air contaminated rooms thoroughly. Protect against electrostatic sparks.

- 6.2 Environmental precautions:

Prevent material from reaching sewage system, holes and cellars.

Inform respective authorities in case product reaches water or sewage system.

Do not allow to enter the ground/soil.

If material reaches soil inform authorities responsible for such cases.

- 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

- 6.4 Reference to other sections Danger of explosion

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling

Keep containers tightly sealed.

Ensure good ventilation/exhaustion at the workplace. Avoid repeated or long-term skin contact.

Prevent formation of aerosols.

- Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

(Contd. on page 4)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 12.12.2019

Version number 103

Revision: 12.12.2019

Trade name: Silicone Fluid

(Contd. of page 3)

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
Protect against direct sunlight, other sources of heat and ignition.
Store in cool, dry conditions in well sealed containers.
- **Requirements to be met by storerooms and containers:**
Observe official regulations on storage and handling of water hazardous substances
Suitable material for containers and conduit: steel or stainless steel.
- **Information about storage in one common storage facility:**
Store away from oxidising agents.
Pay attention to regulations / technical guidelines on mixed storage of flammable liquids.
- **Further information about storage conditions:**
Pay attention to regulations/technical rules for the storage of combustible liquids.
- **Storage class 3** (VCI - Konzept, 2007)
- **7.3 Specific end use(s)** Professional use.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:**
Room ventilation i.e. vacuum suction. Measures to be taken against electro-static sparks.

- 8.1 Control parameters

- **Components with critical values that require monitoring at the workplace:**

64742-49-0 Naphtha (petroleum), hydrotreated light (50-100%)

TWA (8H)	Long-term value: 1000 mg/m ³ aliphatic solvents
----------	---

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
Keep away from food, beverages and fodder.
Wash hands during breaks and at the end of the work.
Instantly remove any soiled and impregnated garments.
Avoid contact with the eyes and skin.
Gases, fumes and aerosols should not be inhaled.
- **Breathing equipment:**
In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
- **Recommended filter device for short term use:**
Combination filter A-P2
Take care of limitations and rules for the use of breathing protection equipment (BGR 190).
- **Protection of hands:**
Solvent resistant gloves
Check protective gloves prior to each use for their proper condition.
- **Material of gloves**
Nitrile rubber, NBR
Fluorocarbon rubber (Viton)
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**
Note information regarding permeation rate, penetration times and the degradation supplied by the manufacturer of gloves just as workplace-specific conditions.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 12.12.2019

Version number 103

Revision: 12.12.2019

Trade name: Silicone Fluid

(Contd. of page 4)

Change gloves if notice sign of disenchantment.

Material of gloves is recommended for a short-term single use to protect from splashes. For permanent usage contact manufacturer of gloves.

- **Eye protection:** Tightly sealed safety glasses.

- **Body protection:**

Standard protective clothing. Chemical resistant safety-shoes or boots. If skin contact is possible, wear impenetrable protective clothing against this solvent.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Appearance:

Form:	Fluid
Colour:	Colourless
Smell:	Paraffinic

- **pH-value:** Not applicable

- **Melting point/freezing point:** Not determined

- **Initial boiling point and boiling range:** Not determined

- **Flash point:** < 21 °C

- **Ignition temperature:** 260 °C
(lowest level for individual components)

- **Self-inflammability:** Product is not selfigniting.

- **Explosive properties:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.

- Critical values for explosion:

Lower:	1.1 Vol %
Upper:	7.0 Vol %

- **Density at 20 °C** ~ 0.73 g/cm³

- **Solubility in / Miscibility with Water:** Insoluble

- **Viscosity:**
dynamic at 20 °C: 8-9 mPas

- **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.

- 10.2 Chemical stability

- Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

To avoid: warmth, flames, sparks

- **10.3 Possibility of hazardous reactions** Reacts with strong oxidizing agents

- **10.4 Conditions to avoid** No further relevant information available.

- **10.5 Incompatible materials:** strong oxidizing agents

(Contd. on page 6)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 12.12.2019

Version number 103

Revision: 12.12.2019

Trade name: Silicone Fluid

(Contd. of page 5)

- 10.6 Hazardous decomposition products:

Formation of carbon monoxide and carbon dioxide in case of fire.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity Based on available data, the classification criteria are not met.

- LD/LC50 values that are relevant for classification:
64742-49-0 Naphtha (petroleum), hydrotreated light

Oral LD50 > 2000 mg/kg (rat)

Dermal LD50 > 2000 mg/kg (rbt)

Inhalative LC50/4 h < 5 mg/l (rat)

- Primary irritant effect:
- Skin corrosion/irritation

Causes skin irritation.

- Serious eye damage/irritation Slight irritant, but not sufficient to trigger an EC label

- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

- Additional toxicological information:

Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis. Aspiration into the lungs may cause chemical pneumonitis which can be fatal.

Vapours in higher concentration have an irritating effect on the upper respiratory tract. Very high concentrations may cause dizziness, headaches and unconsciousness.

- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.

- Carcinogenicity Based on available data, the classification criteria are not met.

- Reproductive toxicity Based on available data, the classification criteria are not met.

- STOT-single exposure

May cause drowsiness or dizziness.

- STOT-repeated exposure Based on available data, the classification criteria are not met.

- Aspiration hazard

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity:
64742-49-0 Naphtha (petroleum), hydrotreated light

EC 50 1-10 mg/l (Aquatic invertebrates)

1-10 mg/l (Algae)

LC 50 1-10 mg/l (fish)

- 12.2 Persistence and degradability No further relevant information available.

- 12.3 Bioaccumulative potential No further relevant information available.

- 12.4 Mobility in soil No further relevant information available.

- Ecotoxicological effects:
- Remark: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

- Additional ecological information:
- General notes:

Do not allow to enter drainage system, surface or ground water

Water hazard class 1 (Self-assessment): slightly hazardous for water.

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 12.12.2019

Version number 103

Revision: 12.12.2019

Trade name: Silicone Fluid

(Contd. of page 6)

- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
The following advice is related to new material and not to any processed products. In case of a mixture with other products other disposal methods may become necessary. If in doubt seek advice from product supplier or from local authorities.
- **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system. If possible, send to be recycled, otherwise burn or deposit in a certified facility.
Contaminated water to separate by separator and dispose off in line with administrative regulations.
- **Waste disposal key number:**
Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.
- **Uncleaned packagings:** Disposal must be made according to official regulations.
- **Recommendation:**
Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning. Care should be taken that no other materials get into the packaging.
Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.
Caution: Leftovers in the containers may cause the risk of explosion.
Uncleaned containers should not be perforated, cut or welded.

SECTION 14: Transport information

- 14.1 UN-Number	
- ADR, IMDG, IATA	UN1993
- 14.2 UN proper shipping name	
- ADR	1993 FLAMMABLE LIQUID, N.O.S. (PETROLEUM NAPHTHA), special provision 640D
- IMDG	FLAMMABLE LIQUID, N.O.S. (PETROLEUM NAPHTHA), MARINE POLLUTANT
- IATA	FLAMMABLE LIQUID, N.O.S. (PETROLEUM NAPHTHA)
- 14.3 Transport hazard class(es)	
- ADR	
- Class	3 (F1) Flammable liquids.
- Label	3
- IMDG, IATA	
- Class	3 Flammable liquids.
- Label	3
- 14.4 Packing group	
- ADR, IMDG, IATA	II

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 12.12.2019

Version number 103

Revision: 12.12.2019

Trade name: Silicone Fluid

(Contd. of page 7)

- 14.5 Environmental hazards:	
- Marine pollutant:	Symbol (fish and tree)
- Special marking (ADR):	Symbol (fish and tree)
- 14.6 Special precautions for user	
- Warning:	Warning: Flammable liquids.
- Kemler Number:	33
- EMS Number:	F-E, S-E
- Stowage Category	B
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	
Not applicable.	
- Transport/Additional information:	
- ADR	
- Limited quantities (LQ)	1L
- Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
- Transport category	2
- Tunnel restriction code	D/E
- IMDG	
- Limited quantities (LQ)	1L
- Excepted quantities (EQ)	Código E4
	Cantidad neta máxima por envase interior: 30 ml.
	Cantidad neta máxima por embalaje exterior: 500 ml.
- UN "Model Regulation":	UN1993, FLAMMABLE LIQUID, N.O.S., 3, II

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms**



GHS02 GHS07 GHS08 GHS09

- **Signal word** Danger

- **Hazard-determining components of labelling:**

Naphtha (petroleum), hydrotreated light

- **Hazard statements**

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

- **Precautionary statements**

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(Contd. on page 9)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 12.12.2019

Version number 103

Revision: 12.12.2019

Trade name: Silicone Fluid

(Contd. of page 8)

P241	Use explosion-proof [electrical/ventilating/lighting] equipment.
P243	Take action to prevent static discharges.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Directive 2012/18/EU**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **National regulations**
- **Information about limitation of use:**
Employment restrictions concerning young persons must be observed.
- **VOC:** ca. 577 g/l volatile organic compounds (Council Directive 2010/75/EC).
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
- **Department issuing data specification sheet:** see item 1: Informing department

- Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
LEV: Local Exhaust Ventilation
RPE: Respiratory Protective Equipment
RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

(Contd. on page 10)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 12.12.2019

Version number 103

Revision: 12.12.2019

Trade name: Silicone Fluid

(Contd. of page 9)

*LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**vPvB: very Persistent and very Bioaccumulative**Flam. Liq. 2: Flammable liquids – Category 2**Skin Irrit. 2: Skin corrosion/irritation – Category 2**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3**Asp. Tox. 1: Aspiration hazard – Category 1**Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2*

GB