

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 26.11.2015

Version: 2.00

Revision: 26.11.2015

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

- **1.1 Product identifier**
- Trade name: **Silbergleit**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against: -**
- **Application of the substance / the preparation:** Lubricant
- **Uses advised against -**
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier/Manufacturer:**
Service & Dienstleistung
Brigitte Kemmer-Przibylla
Silvanerweg 7
78476 Allensbach
Germany
- Tel.: 07533-997121
Fax: 07533-997616
- Email: kemmer.service@t-online.de
- **Email competent person:** sds@kft.de
- **Information department:** See supplier/manufacturer
- **1.4 Emergency telephone number:**
GIZ-Nord, Göttingen, Germany
+49 551 19240

* SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS07

- | | |
|---|---|
| Skin Irrit. 2 | H315 Causes skin irritation. |
| STOT SE 3 | H336 May cause drowsiness or dizziness. |
| Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects. | |

- **Classification system:**
The classification is based on Regulation (EC) 1272/2008 including its amendments, and on company information.

- **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**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**
Kerosine (petroleum), hydrodesulfurized
- **Hazard statements**
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

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- **Precautionary statements**

- P280 Wear protective gloves.
- P273 Avoid release to the environment.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- 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 due to data
- **vPvB:** Not applicable due to data

* SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**

- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 8002-74-2 EINECS: 232-315-6	paraffin waxes and hydrocarbon waxes substance with a Community workplace exposure limit	60-80%
CAS: 64742-81-0 EINECS: 265-184-9 Index number: 649-423-00-8	Kerosine (petroleum), hydrodesulfurized Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	20-25%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

* SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **General information:**

If symptoms persist or in case of doubt, seek medical advice.
No mouth to mouth respiration. Vomit may contain toxic substances.

- **After inhalation:**

Supply fresh air and be sure to call a doctor.
Do not use mouth to mouth or mouth to nose resuscitation.
In case of unconsciousness, place patients on their side in a stable position for transportation.

- **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.
If symptoms persist, consult a doctor.

- **After eye contact:**

Call a doctor immediately.
Rinse opened eye for several minutes under running water.

- **After swallowing:**

Do not induce vomiting.
Call a doctor immediately.

- **4.2 Most important symptoms and effects, both acute and delayed** Local irritation symptoms

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

* SECTION 5: Firefighting measures

- **5.1 Extinguishing media**

- **Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire fighting measures that suit the environment.

- **For safety reasons unsuitable extinguishing agents:** No data available

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- **5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide and carbon dioxide

Poisonous gases/vapours

- **5.3 Advice for firefighters**

- **Protective equipment:** Wear self-contained respiratory protective device.

* SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Product forms slippery surface when combined with water.

- **6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Do not allow to penetrate the ground/soil.

- **6.3 Methods and material for containment and cleaning up:**

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

Ensure adequate ventilation.

Make sure to recycle or dispose of in suitable receptacles.

- **6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

* SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

- **Information about protection against explosions and fires:**

Observe the national regulations for storage of flammable liquids.

Observe the general rules of industrial fire protection.

- **7.2 Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Store container tightly sealed at a cool and dry place with sufficient ventilation.

- **Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from feed.

Refer to national regulations for storing hazardous chemicals.

- **Further information about storage conditions:** Keep receptacle tightly sealed.

- **Storage class:** 10-13 other combustible and non-combustible substances

- **7.3 Specific end use(s)** No further relevant information available

* SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.

- **8.1 Control parameters**

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

8002-74-2 paraffin waxes and hydrocarbon waxes

WEL (Great Britain) Short-term value: 6 mg/m³

Long-term value: 2 mg/m³

- **Additional information:** The lists that were valid during the creation were used as basis.

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- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 - Keep away from foodstuffs, beverages and feed.
 - Wash hands before breaks and at the end of work.
 - Store protective clothing separately.
 - After skin contact, cleanse skin thoroughly.
- **Breathing equipment:**



In case of brief exposure or low pollution use a respiratory filter device. In case of intensive or longer exposure use a respiratory protective device that is independent of circulating air.

Filter P2

- **Protection of hands:**
 - Chemical resistant gloves (EN 374)
 - The glove material has to be impermeable and resistant to the product/substance/preparation.
 - Due to missing tests no recommendation to the glove material can be given for the product / preparation / chemical mixture.
 - Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves:**
 - The selection of suitable gloves depends upon the material, and also upon the quality of the gloves. The degree of protection will vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material:**
 - The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling
- **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information:**
- **Appearance:**
 - Form:** Pasty
 - Colour:** Colourless
- **Odour:** Turpentine-like
- **Odour threshold:** Not determined
- **pH-value:** Not determined
- **Change in condition:**
 - Melting point/Melting range:** Not determined
 - Boiling point/Boiling range:** 175 °C
- **Flash point:** 67 °C (DIN 22719)
- **Flammability (solid, gaseous):** Not applicable
- **Ignition temperature:** > 300 °C
- **Decomposition temperature:** Not determined
- **Self ignition temperature:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
 - Lower:** Not applicable
 - Upper:** Not applicable

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· Oxidizing properties:	No data available
· Vapour pressure at 20 °C:	8 mbar
· Density at 20 °C:	0,8 g/cm ³
· Relative density:	Not determined
· Vapour density:	Not determined
· Evaporation rate:	Not determined
· Solubility in / Miscibility with Water:	Insoluble
· Partition coefficient (n-octanol/water):	Not determined
· Viscosity:	
· dynamic:	Not determined
· kinematic:	Not determined
· 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
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available
- **10.5 Incompatible materials:** No further relevant information available
- **10.6 Hazardous decomposition products:**
No hazardous decomposition products if instructions for storage and handling are followed

* 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:**
ATE inhalation (vapours): > 21
- **64742-81-0 Kerosine (petroleum), hydrodesulfurized**
- Oral LD₅₀ > 5000 mg/kg (rat) (OECD Guideline 420)
- Dermal LD₅₀ > 2000 mg/kg (rat) (OECD Guideline 402)
- Inhalative LC₅₀/4 h > 5.28 mg/l (rat) (OECD Guideline 403)
vapour
- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation** May cause irritation to the eyes.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
- **Germ cell mutagenicity** No data available
- **Carcinogenicity** No data available
- **Reproductive toxicity** No data available
- **STOT-single exposure**
May cause drowsiness or dizziness.
- **STOT-repeated exposure** No data available

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- **Aspiration hazard** Based on available data, the classification criteria are not met.

* SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

64742-81-0 Kerosine (petroleum), hydrodesulfurized

EC₅₀/72h (static) 1-3 mg/l (Pseudokirchneriella subcapitata) (OECD Guideline 201)

LC₅₀/48h 1.4 mg/l (Daphnia magna) (OECD Guideline 202)

LC₅₀/96h (static) 2-5 mg/l (Oncorhynchus mykiss) (OECD Guideline 203)

- **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

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water

According to appendix 4 of VwVwS dated 17.05.1999 (German regulation)

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Danger to drinking water is possible if large quantities leak into the ground or into water course.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable due to data

- **vPvB:** Not applicable due to data

- **12.6 Other adverse effects** No further relevant information available

* SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Disposal according to instructions of local authorities

Must be recycled or disposed of according to the regulations. Waste has to be classified according to the European Waste Catalogue based on the identification of the waste generating source.

- **European waste catalogue:**

07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES

07 01 00 wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals

07 01 04* other organic solvents, washing liquids and mother liquors

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

* SECTION 14: Transport information

- **14.1 UN-Number**

- **ADR, ADN, IMDG, IATA**

Void

- **14.2 UN proper shipping name**

- **ADR, ADN, IMDG, IATA**

Void

- **14.3 Transport hazard class(es)**

- **ADR, ADN, IMDG, IATA**

- **Class**

Void

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· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards: · Marine pollutant:	Yes
· 14.6 Special precautions for user	Not applicable
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
· UN "Model Regulation":	Void

* SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

* SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Reasons for amendments:**
EC Regulation 453/2010
Classification
Labelling
Information on toxicity
General revision
- **Replaces version dated:** 31.10.2012
- **Relevant phrases**
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.
- **Classification according to Regulation (EC) No 1272/2008**
Skin Irrit. 2 calculation method
STOT SE 3 calculation method
Aquatic Chronic 3 calculation method
- **Department issuing MSDS:**
KFT Chemieservice GmbH
Im Leuschnerpark. 3 64347 Griesheim
Postfach 1451 64345 Griesheim
Germany

Phone: +49 6155 86829-0 Fax: +49 6155 86829-25
Safety Data Sheet Service: +49 6155 86829-22

· **Contact:** Dr. Faiza Khan

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Asp. Tox. 1: Aspiration hazard, 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

• **Sources:** MSDSs of the suppliers

• *** Data compared to the previous version altered.**

Changes have been made to sections marked with a *, as compared to the previous version.

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