

# Silbergleit

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

Date of issue:14/05/2018

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Version: 3.00

### SECTION 1: Identification : Product identifier and chemical identity

#### 1.1. Product identifier

Trade name : Silbergleit

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Lubricating agent  
Lubricants and additives

#### 1.4. Supplier's details

##### Manufacturer/Supplier

Service & Dienstleistung Brigitte Kemmer-Przibylla  
Silvanerweg 7  
78476 Allensbach - Germany  
T +49-7533-997121 - F +49-7533-997616  
[kemmer.service@t-online.de](mailto:kemmer.service@t-online.de)

##### Email competent person

sds@kft.de

##### Distributor

Carba Tec Pty Ltd  
128 Ingleston Road  
Wakerley QLD 4154 - Australia  
T +61 7 3292 0361

#### 1.5. Emergency phone number

Emergency number : National Health Service (NHS)  
24 hour national number consumer  
England and Scotland: 111  
Wales: 0845 46 47  
Northern Ireland: call your local General Practitioner  
  
Call 999 if there is a life-threatening incident.

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable liquids, Category 4 H227

#### 2.2. Label elements

Signal word (GHS-AU) : Warning  
Hazard statements (GHS-AU) : H227 - Combustible liquid  
Precautionary statements (GHS-AU) : P210 - Keep away from Sources of ignition. No smoking.  
P280 - Wear protective gloves, protective clothing, Eye protection.  
P370+P378 - In case of fire: Use Dry chemical, CO2, dry sand, or alcohol-resistant foam to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

Name	CAS-No.	Compound type	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Paraffin waxes and Hydrocarbon waxes	8002-74-2		70 - 80	Not classified
Kerosine (petroleum), hydrodesulfurized	64742-81-0		20 - 25	Asp. Tox. 1, H304
aluminium powder (stabilised)	7429-90-5		0.1 - 1	Water-react. 2, H261 Pyr. Sol. 1, H250

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Call a poison center or a doctor if you feel unwell.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Do not apply mouth-to-mouth resuscitation. If unconscious, place in the recovery position and seek medical advice.
- First-aid measures after skin contact : After contact with skin, wash immediately and thoroughly with water and soap. Get medical advice if skin irritation persists. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Call a physician immediately. Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes.
- First-aid measures after ingestion : Do NOT induce vomiting. Seek immediate medical advice.

#### 4.2. Symptoms caused by exposure

- Symptoms/effects : Local irritation symptoms. May cause drowsiness or dizziness.
- Symptoms/effects after skin contact : Skin irritation.

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

- Other medical advice or treatment : Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : carbon dioxide (CO<sub>2</sub>), powder, alcohol-resistant foam. Water spray. Use fire fighting measures suiting the environment.
- Unsuitable extinguishing media : Strong water jet.

#### 5.2. Special hazards arising from the substance or mixture

- General measures : Ensure adequate air ventilation. Spills of this product present a serious slipping hazard.

#### 5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Self-contained breathing apparatus. Do not attempt to take action without suitable protective equipment. Complete protective clothing.
- Other information : Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Ensure adequate air ventilation. Spills of this product present a serious slipping hazard.

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

- Do not allow into drains or water courses. Avoid sub-soil penetration.

#### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material sand, saw dust, kieselguhr.

### SECTION 7: Handling and storage, including how the chemical may be safely used

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid inhalation of vapours. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Keep container tightly closed. Store in dry, cool, well-ventilated area. Store locked up.
- Information about storage in one common storage facility : Keep away from food, drink and animal feeding stuffs.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters - exposure standards

aluminium powder (stabilised) (7429-90-5)		
Australia	Local name	Aluminium (metal dust)
Australia	TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> 5 mg/m <sup>3</sup> 2 mg/m <sup>3</sup> 5 mg/m <sup>3</sup> 2 mg/m <sup>3</sup>

Paraffin waxes and Hydrocarbon waxes (8002-74-2)		
Australia	Local name	Paraffin wax (fume)
Australia	TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>

#### Exposure limit values for the other components

#### 8.2. Monitoring

No additional information available

#### 8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Wash hands before break and at end of works.

#### 8.4. Personal protective equipment

Materials for protective clothing : Use protective clothing

Hand protection : Chemically resistant protective gloves. Butyl rubber. Nitrile rubber. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. 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

Eye protection : Chemical goggles

Skin and body protection : Wear suitable protective clothing

Respiratory protection : In case of vapour formation use adequate respirator. Filter A (colour code: brown).

Environmental exposure controls : Avoid release to the environment.

### SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: Pasty.
Colour	: colourless
Odour	: turpentine
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Melting point : Not applicable
Boiling point	: 175 °C
Flash point	: 67 °C (DIN 22719)
Auto-ignition temperature	: > 300 °C
Flammability (solid, gas)	: Not applicable
Vapour pressure	: Vapour pressure : 8 mbar (20 °C)
Relative density	: No data available
Density	: Density : 0.8 g/cm <sup>3</sup> (20 °C)
Solubility	: Water: Insoluble
Log Pow	: No data available
Viscosity	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: No data available

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Explosive limits	: No data available
Minimum ignition energy	: No data available
Fat solubility	: No data available

### SECTION 10: Stability and reactivity

Reactivity	: No additional information available.No additional information available
Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: No additional information available.
Incompatible materials	: No additional information available.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

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

#### Kerosine (petroleum), hydrodesulfurized (64742-81-0)

LD50 oral rat	> 5000 mg/kg bodyweight (OECD 420 method)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)
LC50 inhalation rat (Vapours - mg/l/4h)	> 5.28 mg/l/4h (OECD 403 method)

#### aluminium powder (stabilised) (7429-90-5)

LD50 oral rat	> 15900 mg/kg OECD 401
LC50 inhalation rat (mg/l)	> 0.88 mg/l/4h OECD 403

#### Paraffin waxes and Hydrocarbon waxes (8002-74-2)

LD50 oral rat	> 5000 mg/kg bodyweight (OECD 420 method)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)

Skin corrosion/irritation	: Not classified (Lack of data)
Serious eye damage/irritation	: Not classified (Lack of data)
Respiratory or skin sensitisation	: Not classified (Lack of data)
Germ cell mutagenicity	: Not classified (Lack of data)
Carcinogenicity	: Not classified (Lack of data)
Reproductive toxicity	: Not classified (Lack of data)
STOT-single exposure	: Not classified (Lack of data)
STOT-repeated exposure	: Not classified (Lack of data)
Aspiration hazard	: Not classified (Lack of data)

#### Silbergleit

Density	0.8 g/cm <sup>3</sup> (20 °C)
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### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

Ecology - general	: Harmful to aquatic life with long lasting effects.
Acute aquatic toxicity	: Not classified (Lack of data)
Chronic aquatic toxicity	: Not classified (Lack of data)

#### Kerosine (petroleum), hydrodesulfurized (64742-81-0)

EC50 Daphnia 1	1.4 mg/l (48 h; Daphnia magna; OECD Guideline 202)
NOEC chronic fish	0.48 mg/l (21 d; Daphnia magna; OECD Guideline 211)

#### Paraffin waxes and Hydrocarbon waxes (8002-74-2)

LC50 fish 1	> 100 mg/l (96h; Pimephales promelas; (OECD 203 method))
EC50 Daphnia 1	> 10000 mg/l (48h; Daphnia magna; (OECD 202 method))
NOEC chronic fish	>= 1000 mg/l (28d)
NOEC chronic crustacea	10 mg/l (21d)
Log Pow	5.3 - 6.7

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### 12.2. Persistence and degradability

<b>Silbergleit</b>	
Persistence and degradability	No additional information available.
<b>Paraffin waxes and Hydrocarbon waxes (8002-74-2)</b>	
Persistence and degradability	Inherently biodegradable.
Biodegradation	31 % (28 d)

### 12.3. Bioaccumulative potential

<b>Silbergleit</b>	
Bioaccumulative potential	No additional information available.
<b>Paraffin waxes and Hydrocarbon waxes (8002-74-2)</b>	
Log Pow	See section 12.1 on ecotoxicology

### 12.4. Mobility in soil

<b>Silbergleit</b>	
Ecology - soil	No additional information available.
<b>Paraffin waxes and Hydrocarbon waxes (8002-74-2)</b>	
Log Pow	See section 12.1 on ecotoxicology

### 12.5. Other adverse effects

Ozone : Not classified  
 Other adverse effects : No additional information available.

<b>Silbergleit</b>	
Fluorinated greenhouse gases	False
<b>Kerosine (petroleum), hydrodesulfurized (64742-81-0)</b>	
Fluorinated greenhouse gases	False
<b>aluminium powder (stabilised) (7429-90-5)</b>	
Fluorinated greenhouse gases	False
<b>Paraffin waxes and Hydrocarbon waxes (8002-74-2)</b>	
Fluorinated greenhouse gases	False

## SECTION 13: Disposal considerations

Waste treatment methods : Disposal must be done according to official regulations. Do not discharge into drains or the environment. Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

ADG	IMDG	IATA
<b>14.2. UN proper shipping name</b>		
Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>		
Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>		
	Marine pollutant : No	

### 14.6. Special precautions for user

Specific storage requirement : No data available  
 Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

### Transport by road and rail

Not applicable

### Transport by sea

Not applicable

### Air transport

Not applicable

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### 14.8. Hazchem or Emergency Action Code

Hazchemcode : Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Listed on the AICS (Australian Inventory of Chemical Substances) : Listed on the AICS (Australian Inventory of Chemical Substances)

Other information on relevant regulations : Hazardous Chemical Information System (HCIS)

### 15.2. International agreements

No additional information available

## SECTION 16: Any other relevant information

Data sources : Information provided by the manufacturer. MSDSs of the suppliers. ECHA (European Chemicals Agency).

Department issuing data specification sheet: : KFT Chemieservice GmbH  
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Postfach 1451 64345 Griesheim  
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Abbreviations and acronyms : ATE - Acute Toxicity Estimate

RID

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road

LD50 - Median lethal dose

EC50 - Median effective concentration

IATA - International Air Transport Association

LC50 - Median lethal concentration

PBT - Persistent Bioaccumulative Toxic

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

RID - Regulations concerning the International Carriage of Dangerous Goods by Rail

SDS - Safety Data Sheet

vPvB - Very Persistent and Very Bioaccumulative

Revision date : 14/05/2018

Other information : Version/s 1.00-2.00 is/are not available in this language.

Classification:

Flam. Liq. 4	H227
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Full text of H-statements:

Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 4	Flammable liquids, Category 4
Pyr. Sol. 1	Pyrophoric Solids, Category 1
Water-react. 2	Substances and Mixtures which, in contact with water, emit flammable gases, Category 2
H227	Combustible liquid
H250	Catches fire spontaneously if exposed to air.
H261	In contact with water releases flammable gases.
H304	May be fatal if swallowed and enters airways.

KFT SDS AU 00

*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*