

Silbergleit

Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations
Issue date: 29/08/2022 Revision date: 29/08/2022 Supersedes: 2/04/2020 Version: 5.00

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Mixture
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. Details of manufacturer or importer

Manufacturer/Supplier
Service & Dienstleistung Kindle Jürgen
34 Uhlsbergstraße
Lahr 77933
Germany
T 0176/80193553

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

Country	Organisation/Company	Address	Emergency number	Comment
Australia	Poisons Information Centre		13 11 26	

SECTION 2: Hazard 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
Skin corrosion/irritation, Category 2 H315
Specific target organ toxicity – Single exposure, Category 3, Narcosis H336

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :



Exclamation
mark

Signal word (GHS AU) : Warning
Contains : Kerosine (petroleum), hydrodesulfurized ($\geq 20 - < 25$ %)
Hazard statements (GHS AU) : H227 - Combustible liquid
H315 - Causes skin irritation
H336 - May cause drowsiness or dizziness

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Precautionary statements (GHS AU) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 - Avoid breathing mist, vapours, spray.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves, protective clothing.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P312 - Call a POISON CENTER, a doctor if you feel unwell.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

Name	CAS-No.	%	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	Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304
aluminium powder (stabilised)	7429-90-5	≥ 0.25 – < 1	Flam. Sol. 1, H228 Water-react. 2, H261

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion : Rinse mouth out with water. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

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

4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : Strong water jet.

5.2. Specific hazards arising from the chemical

General measures : Ensure adequate air ventilation. Spills of this product present a serious slipping hazard.
Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Aluminium oxides.

5.3. Special protective equipment and precautions for fire-fighters

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

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.
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6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing mist, vapours, spray.
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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".
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6.2. Environmental precautions

Avoid sub-soil penetration. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Wear personal protective equipment. Ensure good ventilation of the work station. Avoid contact with skin and eyes. Use only outdoors or in a well-ventilated area. Avoid breathing mist, vapours, spray.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

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

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

Paraffin waxes and Hydrocarbon waxes (8002-74-2)	
Australia - Occupational Exposure Limits	
Local name	Paraffin wax
OES TWA [1]	2 mg/m ³ fume
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

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aluminium powder (stabilised) (7429-90-5)	
Australia - Occupational Exposure Limits	
Local name	Aluminium
OES TWA [1]	10 mg/m ³ metal dust 5 mg/m ³ welding fumes (as Al) 2 mg/m ³ alkyls (NOC) (as Al) 5 mg/m ³ pyro powders (as Al) 2 mg/m ³ soluble salts (as Al)
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

8.2. Biological Monitoring

No additional information available

8.3. Engineering controls

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

8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection	: Chemically resistant protective gloves. Butyl rubber. Nitrile rubber. EN 374. 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. Gloves must be replaced after each use and whenever signs of wear or perforation appear
Eye protection	: Use splash goggles when eye contact due to splashing is possible. EN 166
Skin and body protection	: Wear suitable protective clothing. EN ISO 13688. EN 13034
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Breathing apparatus with filter. Filter A (colour code: brown). EN 143. Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust
Environmental exposure controls	: Avoid release to the environment.
Other information	: Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Always wash hands after handling the product.

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	: No data available
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 ³ (20 °C)
Solubility	: Water: Insoluble
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: > 20.5 mm ² /s
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
Fat solubility	: No data available

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SECTION 10: Stability and reactivity

Reactivity	: 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)
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: May cause drowsiness or dizziness.

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

STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified. (Based on available data, the classification criteria are not met)

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Viscosity, kinematic	> 20.5 mm ² /s
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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

Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)

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Kerosine (petroleum), hydrodesulfurized (64742-81-0)	
LC50 - Fish [1]	2 – 5 mg/l (96 h; Oncorhynchus mykiss; (OECD 203 method))
EC50 - Crustacea [1]	1.4 mg/l (48 h; Daphnia magna; OECD Guideline 202)
NOEC chronic crustacea	0.48 mg/l (21 d; Daphnia magna; (OECD 211 method))

12.2. Persistence and degradability

Paraffin waxes and Hydrocarbon waxes (8002-74-2)	
Persistence and degradability	Inherently biodegradable.
Biodegradation	31 % (28 d)

12.3. Bioaccumulative potential

Paraffin waxes and Hydrocarbon waxes (8002-74-2)	
Partition coefficient n-octanol/water (Log Pow)	5.3 – 6.7

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)
Other adverse effects : No additional information available

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Fluorinated greenhouse gases	False
Kerosine (petroleum), hydrodesulfurized (64742-81-0)	
Fluorinated greenhouse gases	False
Paraffin waxes and Hydrocarbon waxes (8002-74-2)	
Fluorinated greenhouse gases	False
aluminium powder (stabilised) (7429-90-5)	
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. Do not dispose of with domestic waste.
Product/Packaging disposal recommendations : Recycle or dispose of in compliance with current legislation.

SECTION 14: Transport information

14.1. UN number

UN-No. (ADG) : Not regulated
UN-No. (IMDG) : Not regulated
UN-No. (IATA) : Not regulated

14.2. UN Proper Shipping Name

Proper Shipping Name (ADG) : Not regulated
Proper Shipping Name (IMDG) : Not regulated
Proper Shipping Name (IATA) : Not regulated

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14.3. Transport hazard class(es)

ADG

Transport hazard class(es) (ADG) : Not regulated

IMDG

Transport hazard class(es) (IMDG) : Not regulated

IATA

Transport hazard class(es) (IATA) : Not regulated

14.4. Packing group

Packing group (ADG) : Not regulated

Packing group (IMDG) : Not regulated

Packing group (IATA) : Not regulated

14.5. Environmental hazards

Marine pollutant : No

Dangerous for the environment : No

Other information : No supplementary information available

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 regulated

Transport by sea

Not regulated

Air transport

Not regulated

14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS) : All the chemicals contained in this product are listed introductions
Inventory) status

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

15.2. International agreements

No additional information available

SECTION 16: Other information

Indication of changes

Section	Changed item	Change	Comments
	General revision		

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1	Manufacturer/Supplier	Modified	
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Data sources	: Information provided by the manufacturer. MSDSs of the suppliers. ECHA (European Chemicals Agency). NATIONAL INDUSTRIAL CHEMICALS NOTIFICATION AND ASSESSMENT SCHEME (AUSTRALIA).
Department issuing data specification sheet:	: KFT Chemieservice GmbH Im Leuschnerpark 3 D-64347 Griesheim Phone: +49 6155-8981-400 Fax: +49 6155 8981-500 SDS Service: +49 6155 8981-522
Contact person	: Dr. Lisa Schmitt
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 BCF - Bioconcentration factor CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 DMEL - Derived Minimal Effect level DNEL - Derived-No Effect Level IARC - International Agency for Research on Cancer IMDG - International Maritime Dangerous Goods LOAEL - Lowest Observed Adverse Effect Level NOAEC - No-Observed Adverse Effect Concentration NOAEL - No-Observed Adverse Effect Level NOEC - No-Observed Effect Concentration OECD - Organisation for Economic Co-operation and Development PNEC - Predicted No-Effect Concentration STP - Sewage treatment plant TLM - Median Tolerance Limit
Revision date	: 29/08/2022
Other information	: Version/s 1.00 - 2.00 is/are not available in this language.

Classification	
Flam. Liq. 4	H227
Skin Irrit. 2	H315
STOT SE 3	H336

Full text of H-statements	
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 4	Flammable liquids, Category 4
Flam. Sol. 1	Flammable solids, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2

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STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
Water-react. 2	Substances and Mixtures which, in contact with water, emit flammable gases, Category 2
H227	Combustible liquid
H228	Flammable solid
H261	In contact with water releases flammable gases
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness

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.