

SAFETY DATA SHEET

1. Identification

Product name - Other means of identification Recommended use - Restrictions on use -
Manufacturer/Importer/Supplier/Distributor Information:

SILCA Synergetic Lubricating Fluid - Industrial use only

Manufacturer - Company Name – Address – Telephone - Contact Person: E-mail:

SILCA 835 N Capitol Ave, Indianapolis IN 46204 TEL: 317-964-0592

sales@silca.cc

Emergency telephone number: 317-748-0494

2. Hazard(s) identification

Hazard Classification

Signal Word: Hazard Statement:

Precautionary Statements - Other hazards which do not result in GHS classification:

Not classified - Not Considered Hazardous

No symbol

No Signal Word

Not applicable

None.

3. Composition/information on ingredients:

General information: This Product contains no ingredients considered hazardous by OSHA.

Mixture of synthetic base oils with additives. Ingredients determined to be non-hazardous Proportion

100 %

Specific chemical identities and/or exact percentages have been withheld as trade secrets.

4. First-aid measures

Ingestion: Inhalation:

Skin Contact:

Eye contact:

If poisoning occurs, contact a doctor or Poisons Information Center.

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

5. Fire-fighting Measures

General Fire Hazards: No unusual fire or explosion hazards noted. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media - Unsuitable extinguishing media - Specific hazards arising from the chemical:

Hazchem Code: Not applicable. Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Combustible material.

Fire fighting further advice: On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion or decomposition.

6. Accidental Release Measures

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapors or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or

drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapors. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable

7. Handling and Storage Precautions for Safe Handling

Handling: Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapor, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

8. Exposure Controls/Personal Protection Exposure Limits

National occupational exposure limits: No value assigned for this specific material by OSHA

Biological Limit Values: The ingredients in this material do not have a Biological Limit Allocated.

National occupational exposure limits: Natural ventilation should be adequate under normal use conditions.. Personal Protection Equipment: SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES.

Wear safety shoes, overalls, gloves, safety glasses. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapor, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and Chemical Properties

Form: Color: Odor:

Liquid Pale Amber Characteristic

Solubility in water: Density: Relative Vapour Density (air=1): Vapour Pressure (20 °C): Flash Point (°C): Flammability Limits (%): Pour Point/Range (°C): Boiling Point/Range (°C): pH: Viscosity: Total

VOC (g/Litre):

Insoluble 0.85 g/cm³ @ 15°C N Av N Av 250 N Av N Av N Av N App 150 mm²/s @ 40°C N Av

(Typical values only - consult specification sheet) N Av = Not available, N App = Not applicable

10. Stability and Reactivity

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Strong oxidizing substances. Strong acids. Strong bases.

Hazardous decomposition products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

Hazardous reactions: No known hazardous reactions.

11. Toxicological Information on Likely Routes of Exposure

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects Inhalation: Material may be an irritant to mucous membranes and respiratory tract. Skin contact: Contact with skin may result in irritation. Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. Eye contact: May be an eye irritant. Acute toxicity

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as non-hazardous. Specific target organ toxicity (single exposure): This material has been classified as non-hazardous. Chronic Toxicity Mutagenicity: This material has been classified as non-hazardous. Carcinogenicity: This material has been classified as non-hazardous. Reproductive toxicity (including via lactation): This material has been classified as non-hazardous. Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

12. Ecological Information General information

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.

Ecotoxicity: No information available. Persistence and degradability: No information available.

Bioaccumulative potential: No information available. Mobility: No information available.

13. Disposal Considerations

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria for the Transport of Dangerous Goods by Road & Rail.

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

14. Transport Information DOT

Not regulated.

15. Regulatory Information US Federal Regulations

Discharge, treatment, or disposal may be subject to national, state, or local laws. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. It is the responsibility of the product user or owner to determine at the time of disposal, which waste regulations must be applied.

Empty containers should be taken to an approved waste handling site for recycling or disposal. US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories

US. California Proposition 65 – This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

16. Other Information, Including Date of Preparation or Last Revision Issue Date

Revision Date: 01.01.2024

01.01.2024 01.01.2024 01.01.2024

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.