

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

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Silico Grease H1 100g

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

1.1. Product identifier

Trade name/designation:

Silico Grease H1 100g

Article No.:

T208100

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture:

Lubricating agent

1.3. Details of the supplier of the safety data sheet

Supplier:

KANDO Service GmbH

Hartleitnerstraße 3

4653 Eberstälzell

Austria

Telephone: +43 (0) 7241 213 79

E-mail: msds@kando.eu

1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Additional information:

This mixture does not present a physical risk. See recommendations for other products on site. This mixture does not present a health hazard except in the case of possible exceedance of occupational exposure limits (see sections 3 and 8). This mixture does not present an environmental risk. Under normal conditions of use, no harmful effect to the environment is known or foreseeable.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

2.3. Other hazards

Other adverse effects:

The mixture does not contain any substance of very high concern (SVHC) $\geq 0.1\%$ published by the European Chemical Agency (ECHA) according to Article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>. The mixture does not meet the criteria applied to PBT and vPvB mixtures, according to Annex XIII of REACH Directive (EC) No 1907/2006. The mixture does not contain any substance $\geq 0.1\%$ that is classified as a substance of very high concern (SVHC) according to the criteria of Commission Delegated Regulation (EU) 2017/2100 or the Commission Regulation (EU) 2018/605 has endocrine disrupting properties.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

No data available

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

Following inhalation:

Fresh air supply, consult a doctor in case of complaints.

In case of skin contact:

Wash with plenty of water and soap. Take off contaminated clothing.

After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion:

Do NOT induce vomiting. Consult a doctor and show him the label.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water mist, Foam, Powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media:

Water jet

5.2. Special hazards arising from the substance or mixture

In case of fire, dense black smoke is often produced. Exposure to decomposition products can be harmful to health. Do not inhale smoke.

Hazardous combustion products:

Carbon monoxide, carbon dioxide, amorphous silicon dioxide, Formaldehyde

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Follow protective measures in sections 7 and 8.

6.1.2. For emergency responders

Personal protection equipment:

Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Use drums to dispose of the collected waste in accordance with the applicable regulations (see section 13).

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6.3. Methods and material for containment and cleaning up

For cleaning up:

Preferably clean with a detergent, do not use organic solvents. Take up mechanically.

6.4. Reference to other sections

No further details.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wash hands before breaks and after work. Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray. Personal protection equipment: see section 8. Take care for the labels and safety data sheets of the chemicals to be used.

Fire prevent measures:

Prevent access for unauthorised persons.

Advices on general occupational hygiene

Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Keep only in the original container in a cool, well-ventilated place.

Further information on storage conditions:

Store away from heat, weather, moisture and frost.

7.3. Specific end use(s)

Recommendation:

No further details.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Avoid contact with eyes. Use eye protection against liquid splashes. Safety goggles complying with standard EN 166 must be worn at all times during use.

Skin protection:

Wear suitable protective gloves in case of prolonged or repeated skin contact.

Glove material:

PVC (polyvinyl chloride)

NBR (Nitrile rubber)

Butyl caoutchouc (butyl rubber)

Skin protection:

Personnel must wear regularly washed work clothes. After contact with the product, all soiled parts of the body must be washed.

Other protection measures:

Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Ensure good ventilation/extraction at the workplace.

8.2.3. Environmental exposure controls

No data available

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Paste

Colour: whitish

Odour: not determined

Odour threshold: not determined

Safety relevant basis data

Parameter	Value	① Method ② Remark
Initial boiling point and boiling range	No data available	
Flash point	> 100 °C	
Evaporation rate	No data available	
Vapour pressure	No data available	
Water solubility	practically insoluble	

9.2. Other information

No further details.

SECTION 10: Stability and reactivity

10.1. Reactivity

No further details.

10.2. Chemical stability

Chemically stable under conditions of storage, handling and use.

10.3. Possibility of hazardous reactions

No further details.

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

Oxidising agent, strong

10.6. Hazardous decomposition products

Carbon monoxide, Carbon dioxide, amorphous silicon dioxide, Formaldehyde

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Skin corrosion/irritation:

No toxicological information is available for the mixture.

Serious eye damage/irritation:

No toxicological information is available for the mixture.

Respiratory or skin sensitisation:

No toxicological information is available for the mixture.

Germ cell mutagenicity:

No toxicological information is available for the mixture.

Carcinogenicity:

No toxicological information is available for the mixture.

Reproductive toxicity:

No toxicological information is available for the mixture.

STOT-single exposure:

No toxicological information is available for the mixture.

STOT-repeated exposure:

No toxicological information is available for the mixture.

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Aspiration hazard:

No toxicological information is available for the mixture.

11.2. Information on other hazards

Endocrine disrupting properties:

No toxicological information is available for the mixture.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

No further relevant information available.

12.2. Persistence and degradability

Abiotic degradation:

No further relevant information available.

Biodegradation:

No further relevant information available.

12.3. Bioaccumulative potential

Accumulation / Evaluation:

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

No further relevant information available.

12.7. Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment options

Appropriate disposal / Product:

Waste disposal must be carried out without risk to people and the environment, in particular to water, air, soil, fauna and flora. Disposal or recycling in accordance with valid legislation preferably by an authorised waste collector or a specialist waste management company. Do not contaminate soil or groundwater, do not dispose of waste in the environment.

Appropriate disposal / Package:

Uncleaned packaging: Only dispose of the container when it is empty. Do not remove the label(s) on the container. Return to an authorised disposal company.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Authorisations:

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

15.1.2. National regulations

No data available

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

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
CLP	Classification, Labelling and Packaging
ECHA	European Chemicals Agency
EN	European Standard
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
NFPA	National Fire Protection Association
PBT	persistent and bioaccumulative and toxic
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
SVHC	substances of very high concern
UN	United Nations

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

No data available

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16.6. Training advice

No data available

16.7. Additional information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.