

# SAFETY DATA SHEET

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

**Revision date:** 28 Feb 2023

**Print date:** 15 Feb 2024

**Version:** 2



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## Silico Grease H1 5kg

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

#### 1.1. Product identifier

**Trade name/designation:**

Silico Grease H1 5kg

**Article No.:**

T208005

#### 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 Eberstalzell

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].

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

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

**Description:**

Polydimethylsiloxanes with inert fillers

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**Following inhalation:**

No data available

**In case of skin contact:**

After contact with skin, first remove product with a dry cloth and then wash the skin with plenty of water.

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### After eye contact:

Immediately rinse with water for several minutes. In case of eye irritation consult an ophthalmologist.

### Following ingestion:

Immediately call a doctor.

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

Following inhalation: None known

After eye contact: Irritation, Redness

Following ingestion: Nausea, Vomiting, Gastrointestinal complaints

In case of skin contact: Irritation, Redness

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

none

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Carbon dioxide (CO<sub>2</sub>), Foam, Water spray jet, Powder

#### Unsuitable extinguishing media:

none

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

The product is not flammable. The product is not explosive.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Wear individual respirator. Evacuate personnel to safe areas. Approach from the windward side. Protect emergency personnel with water spray when approaching the fire. Keep container and surrounding area cool with water spray. Keep product and empty container away from heat and ignition sources.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Wear protective gloves.

#### 6.1.2. For emergency responders

##### Personal protection equipment:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 6.2. Environmental precautions

No further relevant information available.

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

#### For cleaning up:

Collect with shovel, sawdust and sand.

### 6.4. Reference to other sections

Further information on proper storage: see section 7.

For further information on personal protective equipment: see section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

##### Advices on safe handling:

Wear protective gloves. To avoid thermal decomposition, do not overheat.

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

**Packaging materials:**

plastic, Glass

**Requirements for storage rooms and vessels:**

Keep/Store only in original container.

**Hints on storage assembly:**

Keep away from clothing and other combustible materials.

**Further information on storage conditions:**

Protect from heat and direct sunlight. Ensure tight electrical equipment that is well protected against corrosion.

### 7.3. Specific end use(s)

**Recommendation:**

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Provide local ventilation appropriate to the decomposition risk of the product (see section 10). See protective measures listed in sections 7 and 8. Components with limit values that need to be monitored. Apply technical measures to comply with occupational exposure limits.

#### 8.2.2. Personal protection equipment

**Eye/face protection:**

Safety goggles

**Skin protection:**

Hand protection:

Wear protective gloves.

Skin protection:

Use protective suit.

Wear safety shoes.

**Respiratory protection:**

Not necessary

**Other protection measures:**

General protective and hygienic measures:

The usual precautions when handling chemicals must be observed. Do not eat, drink, smoke or snort while working. Do not inhale dust/fume/mist. Keep away from food, drink and animal feed. Wash hands before breaks and at the end of work.

#### 8.2.3. Environmental exposure controls

none

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Appearance**

**Physical state:** Paste

**Colour:** whitish

**Odour:** odourless

**Odour threshold:** No data available

**Safety relevant basis data**

Parameter	Value	① Method ② Remark
Initial boiling point and boiling range	No data available	
Flash point	> 300 °C	
Evaporation rate	No data available	

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Parameter	Value	① Method ② Remark
Vapour pressure	No data available	
Density	0.98 g/cm <sup>3</sup>	
Water solubility	practically insoluble	
Self ignition temperature	> 400 °C	

### 9.2. Other information

No further relevant information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No known hazardous reactions.

### 10.2. Chemical stability

Chemically stable under conditions of storage, handling and use.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

On thermal decomposition at high temperatures (250°C) formation of flammable siloxanes.

## SECTION 11: Toxicological information

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

#### Toxicological information

##### Mixture related information

LD<sub>50</sub> oral: >5,000 mg/kg (Rat)

#### Acute dermal toxicity:

No data available.

#### Acute inhalation toxicity:

No data available.

#### Skin corrosion/irritation:

No data available.

#### Serious eye damage/irritation:

No data available.

#### Respiratory or skin sensitisation:

No data available.

#### Germ cell mutagenicity:

No data available.

#### Carcinogenicity:

No data available.

#### Reproductive toxicity:

No data available.

#### STOT-single exposure:

No data available.

#### STOT-repeated exposure:

No data available.

#### Aspiration hazard:

No data available.

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### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Aquatic toxicity:

non-toxic

### 12.2. Persistence and degradability

#### Abiotic degradation:

No data available

#### Biodegradation:

Do not discharge into rivers, lakes or seas.

### 12.3. Bioaccumulative potential

#### Bioconcentration factor (BCF):

No data available

#### Accumulation / Evaluation:

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

none

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste treatment options

#### Appropriate disposal / Product:

Incineration is possible, the incinerator must be equipped with neutralisation and recycling systems for hydrofluoric acid.

#### Appropriate disposal / Package:

For disposal, large quantities must be burnt in plants equipped with gas purification systems.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
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.
<b>14.2. UN proper shipping name</b>			
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.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
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:

Regulation (CLP) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, as amended. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), as amended.

#### 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
BCF	Bioconcentration Factor
CLP	Classification, Labelling and Packaging
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LD <sub>50</sub>	Lethal (fatal) Dose 50%
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
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

### 16.6. Training advice

No data available

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### 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.