

## SAFETY DATA SHEET

According to GB/T 16483; GB/T 17519 as amended

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

#### 1.1 Product identifier

Product name: GLEITMO 591

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

Identified uses: Lubricant

Uses advised against: No uses advised against identified.

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier FUCHS LUBRITECH GmbH  
Werner-Heisenberg-Straße 1  
67661 Kaiserslautern/Germany

Telephone: +49 (0) 6301 3206-0  
Fax: +49 (0) 6301 3206-940

Contact Person: FUCHS LUBRITECH GmbH - Product Safety Management  
Telephone: +49 (0) 6301 3206-0  
Fax: +49 (0) 6301 3206-940  
E-mail: flt.reach@fuchs.com

1.4 Emergency telephone number: +86 532 83889090

### SECTION 2: Hazards identification

**Product name:** GLEITMO 591

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## 2.1 Classification of the substance or mixture

The product has not been classified as hazardous and does not need to be labelled according to the legislation in force.

### Hazard summary

**Physical Hazards:** No data available.

**2.2 Label Elements** Not applicable

**2.3 Other hazards:** The product may not be released into the environment without control. By handling of chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**General information:** The components are not hazardous or are below required disclosure limits.

In this SDS " , " (comma) is used as thousands separator and " . "(point) as decimal separator.

## SECTION 4: First aid measures

**General:** Change clothes and shoes contaminated or soaked by the product. Never put rags contaminated by the product into clothing pockets.

### 4.1 Description of first aid measures

**Inhalation:** Supply fresh air; consult doctor in case of symptoms.

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eye lids.

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**Skin Contact:** Wash with soap and water. The product is not skin irritating.

**Ingestion:** Rinse mouth thoroughly.

**4.2 Most important symptoms and effects, both acute and delayed:** No data available.

**4.3 Indication of any immediate medical attention and special treatment needed** Get medical attention if symptoms occur.

<b>SECTION 5: Firefighting measures</b>
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**General Fire Hazards:** Use fire fighting measures that suit the environment.

**5.1 Extinguishing media**

**Suitable extinguishing media:** The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** No data available.

**5.2 Special hazards arising from the substance or mixture:** During fire, gases hazardous to health may be formed.

**5.3 Advice for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

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## SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:** In case of spills, beware of slippery floors and surfaces.
- 6.2 Environmental Precautions:** Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface or ground water.
- 6.3 Methods and material for containment and cleaning up:** Scrape up spillage or absorb with absorbing material. Dispose of the material collected according to regulations.
- 6.4 Reference to other sections:** See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.

## SECTION 7: Handling and storage:

- 7.1 Precautions for safe handling:** Provide adequate ventilation. Observe good industrial hygiene practices. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products.
- 7.2 Conditions for safe storage, including any incompatibilities:** Local regulations concerning handling and storage of waterpolluting products have to be followed.
- 7.3 Specific end use(s):** No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

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## 8.2 Exposure controls

**Appropriate engineering controls:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Individual protection measures, such as personal protective equipment

**General information:** Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

**Eye/face protection:** Safety glasses (EN 166) recommended during refilling.

#### Skin protection

**Hand Protection:** Avoid long-term and repeated skin contact. Protective gloves, where permitted in acc. to safety directions.

**Other:** Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

**Respiratory Protection:** Not relevant, due to the form of the product.

**Thermal hazards:** Not known.

**Hygiene measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

**Environmental 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:	solid
Form:	Paste
Color:	White
Odor:	Characteristic
Odor Threshold:	Not applicable for mixtures
pH:	Not applicable
Melting Point:	Not applicable for mixtures
Boiling Point:	No data available.
Flash Point:	Value not relevant for classification
Evaporation Rate:	Not applicable for mixtures
Flammability (solid, gas):	Value not relevant for classification
Flammability Limit - Upper (%)-:	Not applicable for mixtures
Flammability Limit - Lower (%)-:	Not applicable for mixtures
Vapor pressure:	Not applicable for mixtures
Vapor density (air=1):	Not applicable for mixtures
Density:	1.90 g/cm <sup>3</sup> (15 ° C)
Solubility(ies)	
Solubility in Water:	Insoluble in water
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	Not applicable for mixtures
Autoignition Temperature:	Value not relevant for classification
Decomposition Temperature:	Value not relevant for classification
Flow time	Value not relevant for classification
Explosive properties:	Value not relevant for classification
Oxidizing properties:	Value not relevant for classification

### 9.2 Other information

No data available.

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## SECTION 10: Stability and reactivity

- 10.1 Reactivity:** Stable under normal temperature conditions and recommended use.
- 10.2 Chemical Stability:** No data available.
- 10.3 Possibility of hazardous reactions:** None under normal conditions.
- 10.4 Conditions to avoid:** Avoid heat or contamination.
- 10.5 Incompatible Materials:** If intentionally used none known.
- 10.6 Hazardous Decomposition Products:** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Oral

Product:

Not classified for acute toxicity based on available data.

##### Dermal

Product:

Not classified for acute toxicity based on available data.

##### Inhalation

Product:

Not classified for acute toxicity based on available data.

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**Skin Corrosion/Irritation:**

**Product:** Based on available data, the classification criteria are not met.

**Serious Eye Damage/Eye Irritation:**

**Product:** Based on available data, the classification criteria are not met.

**Respiratory or Skin Sensitization:**

**Product:** Skin sensitizer: Based on available data, the classification criteria are not met.  
Respiratory sensitizer: Based on available data, the classification criteria are not met.

**Germ Cell Mutagenicity**

**Product:** Based on available data, the classification criteria are not met.

**Carcinogenicity**

**Product:** Based on available data, the classification criteria are not met.

**Reproductive toxicity**

**Product:** Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** Based on available data, the classification criteria are not met.

**Aspiration Hazard**

**Product:** Based on available data, the classification criteria are not met.

**Other adverse effects:** No data available.



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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Acute toxicity

Product: Based on available data, the classification criteria are not met.

Chronic ToxicityProduct: Based on available data, the classification criteria are not met.

### 12.2 Persistence and Degradability

#### Biodegradation

Product: Not applicable for mixtures

### 12.3 Bioaccumulative potential

Product: Not applicable for mixtures

### 12.4 Mobility in soil:

Product: Not applicable for mixtures

### 12.5 Results of PBT and vPvB assessment:

The product does not contain any substances fulfilling the PBT/vPvB criteria.

12.6 Other adverse effects: No data available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

General information: Dispose in accordance with all applicable regulations.

**Product name:** GLEITMO 591

**Disposal methods:** Do not empty into drains; dispose of this material and its container in a safe way. When storing used products, ensure that the waste categories and mixing instructions are observed.

<b>SECTION 14: Transport information</b>
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**ADR/RID**

14.1 UN Number:	–
14.2 UN Proper Shipping Name:	–
14.3 Transport Hazard Class(es)	
Class:	Non-dangerous goods
Label(s):	–
Hazard No. (ADR):	–
Tunnel restriction code:	–
14.4 Packing Group:	–
14.5 Environmental hazards:	–
14.6 Special precautions for user:	–

**ADN**

14.1 UN Number:	–
14.2 UN Proper Shipping Name:	–
14.3 Transport Hazard Class(es)	
Class:	Non-dangerous goods
Label(s):	–
14.3 Packing Group:	–
14.5 Environmental hazards:	–
14.6 Special precautions for user:	–

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**IMDG**

14.1 UN Number: –  
14.2 UN Proper Shipping Name: –  
14.3 Transport Hazard Class(es)  
    Class: Non-dangerous goods  
    Label(s): –  
    EmS No.: –  
14.3 Packing Group: –  
14.5 Environmental hazards: –  
14.6 Special precautions for user: –

**IATA**

14.1 UN Number: –  
14.2 Proper Shipping Name: –  
14.3 Transport Hazard Class(es):  
    Class: Non-dangerous goods  
    Label(s): –  
14.4 Packing Group: –  
14.5 Environmental hazards: –  
14.6 Special precautions for user: –

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:** Not applicable.

<b>SECTION 15: Regulatory information</b>
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**Inventory Status**

IECSC
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On or in compliance with the inventory
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<b>SECTION 16: Other information</b>
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**Revision Information:** Vertical lines in the margin indicate an amendment.

**Product name:** GLEITMO 591

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**Wording of the H-statements in section 2 and 3**

none

**Training information:** Follow training instructions when handling this material.

**Revision Date:** 07.08.2018

**Disclaimer:** The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.