



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

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

1.1 Product identifier

Product name: gleitmo 805

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

Identified uses: Lubricating grease

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

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended.

Health Hazards

Specific Target Organ Toxicity -
Single Exposure

Category 3

H335: May cause respiratory irritation.

Environmental Hazards

Chronic hazards to the aquatic
environment

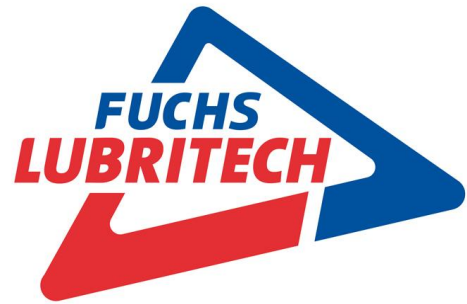
Category 3

H412: Harmful to aquatic life with long lasting effects.

Hazard summary

Physical Hazards:

No data available.



Product name: gleitmo 805

2.2 Label Elements

Contains: Basisöl, VHVI
Lime hydrate



Signal Words: Warning

Hazard Statement(s): H335: May cause respiratory irritation.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement

Prevention: P261: Avoid breathing dust/fume/mist.
P273: Avoid release to the environment.

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures

General information: Lubricating grease: Thickener system and additives in solvent refined mineral oil.

Chemical name	Concentration *	Identifier	REACH Registration No.	Notes
Basisöl, VHVI	20,00 - <50,00%	276-738-4	01-2119474889-13	
Lime hydrate	20,00 - <50,00%	215-137-3	01-2119475151-45	
anorganisches Zinksalz	2,50 - <5,00%	231-203-4		
Zn compound	0,10 - <0,25%	215-222-5		

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.



Product name: gleitmo 805

Classification

Chemical name	Classification	
Basisöl, VHVI	DSD:	none
	CLP:	Asp. Tox. 1;H304
Lime hydrate	DSD:	Xi; R37/38 R41
	CLP:	Eye Dam. 1;H318, STOT SE 3;H335, Skin Irrit. 2;H315
anorganisches Zinksalz	DSD:	N; R51/53
	CLP:	Aquatic Chronic 2;H411
Zn compound	DSD:	N; R50/53
	CLP:	Aquatic Acute 1;H400, Aquatic Chronic 1;H410

DSD: Directive 67/548/EEC.
CLP: Regulation No. 1272/2008.

The full text for all R-phrases and H-statements is displayed in section 16.

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: Get medical attention if any discomfort continues.

Skin Contact: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Get medical attention.

Ingestion: Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

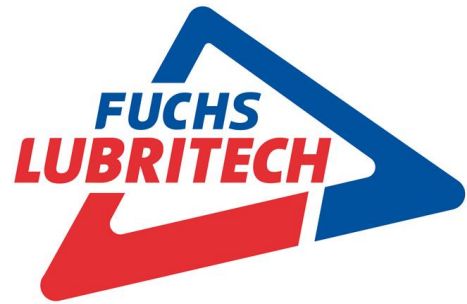
4.2 Most important symptoms and effects, both acute and delayed: No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: No data available.

Treatment: Get medical attention if symptoms occur.

SECTION 5: Firefighting measures



Product name: gleitmo 805

5.1 Extinguishing media

Suitable extinguishing media:

CO₂, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added

Unsuitable extinguishing media:

Water with a full water jet.

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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

6.2 Environmental Precautions:

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer.

6.3 Methods and material for containment and cleaning up:

Scrape up spillage or absorb with absorbing material. Stop the flow of material, if this is without risk. 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.

Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

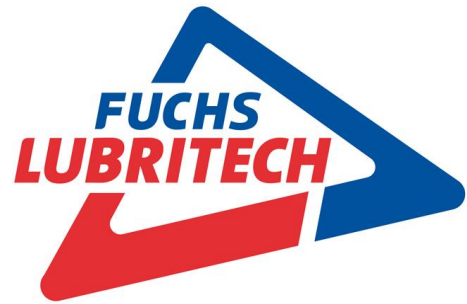
SECTION 7: Handling and storage:

7.1 Precautions for safe handling:

Avoid contact with skin. Wash hands thoroughly after handling. 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:

Store locked up. Local regulations concerning handling and storage of waterpolluting products have to be followed.



Product name: gleitmo 805

7.3 Specific end use(s): not applicable

Storage Class: 10, Combustible liquids

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

8.2 Exposure controls

Appropriate engineering controls: No data available.

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. Avoid contact with eyes. Wear closed protection glasses.

Skin protection

Hand Protection: Nitrile butyl rubber (NBR). Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

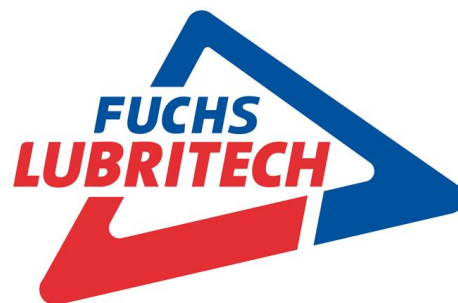
Other: Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

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

Thermal hazards: No data available.

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.



Product name: gleitmo 805

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	solid
Form:	Paste
Color:	Light brown
Odor:	Characteristic
Odor Threshold:	No data available.
pH:	not applicable
Melting Point:	No data available.
Boiling Point:	not applicable
Flash Point:	not applicable
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%)-:	No data available.
Flammability Limit - Lower (%)-:	No data available.
Vapor pressure:	No data available.
Vapor density (air=1):	No data available.
Density:	1,10 g/cm ³ (15 °C)

Solubility(ies)

Solubility in Water:	Insoluble in water
Solubility (other):	No data available.

Partition coefficient (n-octanol/water): No data available.

Autoignition Temperature: No data available.

Decomposition Temperature: No data available.

Flow time No data available.

Explosive properties: No data available.

Oxidizing properties: No data available.

9.2 Other information No data available.

SECTION 10: Stability and reactivity

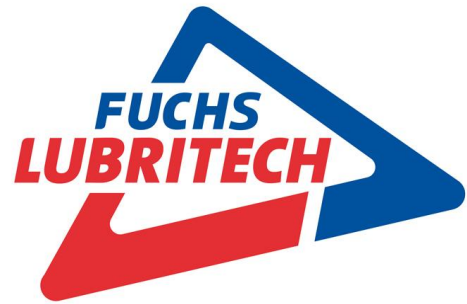
10.1 Reactivity: Stable under normal temperature conditions and recommended use.

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: Strong oxidizing substances. Strong acids. Strong bases.



Product name: gleitmo 805

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

SECTION 11: Toxicological information

Information on likely routes of exposure

Inhalation: No data available.
Ingestion: No data available.
Skin Contact: Causes skin irritation.
Eye contact: Causes serious eye damage.

11.1 Information on toxicological effects

Acute toxicity

Oral

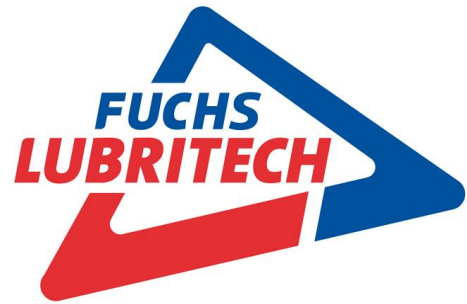
Product: Not classified for acute toxicity based on available data.
Specified substance(s)
Basisöl, VHVI LD 50 (Rat): > 5.000 mg/kg
Lime hydrate LD 50 (Rat): > 2.001 mg/kg
anorganisches Zinksalz LD 50 (Rat): > 2.500 mg/kg
Zn compound LD 50 (Rat): > 2.001 mg/kg

Dermal

Product: Not classified for acute toxicity based on available data.
Specified substance(s)
Basisöl, VHVI LD 50 (Rabbit): > 2.000 mg/kg
Lime hydrate LD 50 (Rabbit): > 2.500 mg/kg
anorganisches Zinksalz No data available.
Zn compound No data available.

Inhalation

Product: Not classified for acute toxicity based on available data.
Specified substance(s)
Basisöl, VHVI LC 50 (Rat, 4 h): > 5,53 mg/l
Lime hydrate No data available.
anorganisches Zinksalz No data available.
Zn compound LC 50 (Rat, 4 h): 5,7 mg/l



Product name: gleitmo 805

Repeated dose toxicity

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

Skin Corrosion/Irritation:

Product: Not irritant. OECD 404 (Rabbit):
Not irritant.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

Serious Eye Damage/Eye Irritation:

Product: No irritant effect at the eyes of rabbits (OECD 405).

Specified substance(s)

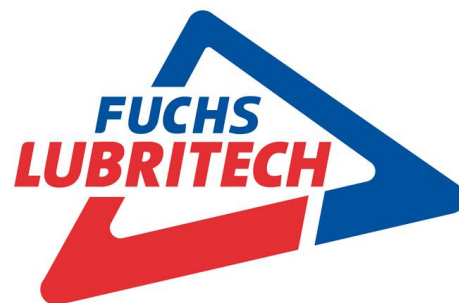
Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

Respiratory or Skin Sensitization:

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.



Product name: gleitmo 805

Germ Cell Mutagenicity

In vitro

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

In vivo

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

Carcinogenicity

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

Specific Target Organ Toxicity - Single Exposure

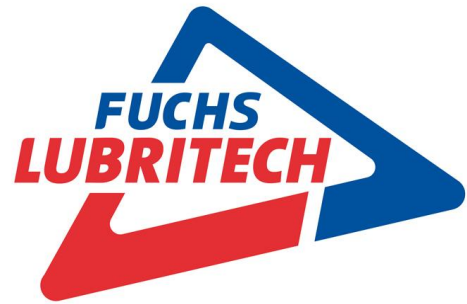
Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.



Product name: gleitmo 805

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

Aspiration Hazard

Product: May be fatal if swallowed and enters airways.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

Other Adverse Effects: No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	LC 50 (Fish, 96 h): 50,6 mg/l
anorganisches Zinksalz	No data available.
Zn compound	LC 50 (Fish, 96 h): > 6 mg/l

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	EC 50 (Water Flea, 48 h): 49,1 mg/l
anorganisches Zinksalz	EC 50 (Water Flea, 48 h): 26 mg/l
Zn compound	EC 50 (Water Flea, 48 h): 2,2 mg/l

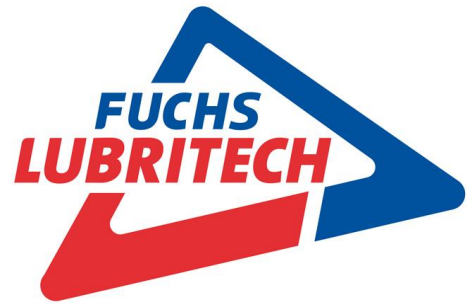
Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.



Product name: gleitmo 805

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	EC 50 (Alga, 72 h): 184,57 mg/l
anorganisches Zinksalz	No data available.
Zn compound	EC 50 (Alga, 72 h): 0,17 mg/l

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

12.3 Bioaccumulative Potential

Product: No data available.

Specified substance(s)

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

12.4 Mobility in Soil:

No data available.

Known or predicted distribution to environmental compartments

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

12.5 Results of PBT and vPvB assessment:

No data available.



Product name: gleitmo 805

Basisöl, VHVI	No data available.
Lime hydrate	No data available.
anorganisches Zinksalz	No data available.
Zn compound	No data available.

12.6 Other Adverse Effects: Harmful to aquatic life with long lasting effects.

Water Hazard Class (WGK): WGK 1: slightly water-endangering.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: Dispose in accordance with all applicable regulations.

Disposal methods: Discharge, treatment, or disposal may be subject to national, state, or local laws.

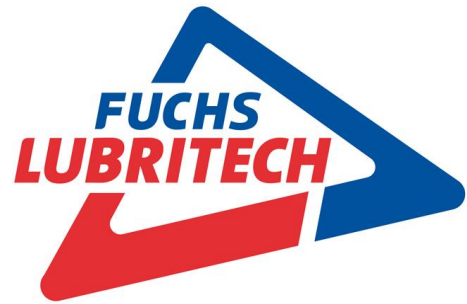
SECTION 14: Transport information

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:	—



Product name: gleitmo 805

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 MARPOL73/78 and the IBC Code: not applicable.

SECTION 15: Regulatory information

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

EU Regulations

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) No. 850/2004 on persistent organic pollutants: none

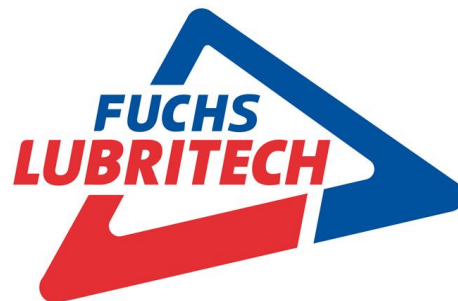
National Regulations

Water Hazard Class (WGK): WGK 1: slightly water-endangering.

15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Revision Information: Vertical lines in the margin indicate an amendment.



Product name: gleitmo 805

Wording of the R-phrases and H-statements in section 2 and 3

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
R37/38	Irritating to respiratory system and skin.
R41	Risk of serious damage to eyes.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Training information: Follow training instructions when handling this material.

Other information: The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies. The classification results from the Conventional Method mentioned in regulation EU 1272/2008 (CLP).

Revision Date: 18.06.2015

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.