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

1.1. Product identifier

Name of product gleitmo 805

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

Recommended intended purpose(s)

Lubricating grease

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

Advice

1.4. Emergency telephone number

Emergency advice

+49 (0)171 / 4632154
Phone 06301/3206-808
This number is only available at office times.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC

Additional hints

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

2.2. Label elements

Labelling according to 1999/45/EC

Remarks for labelling

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances. Although this product does not require a hazard warning label, we recommend that the safety advice should be observed. Labelling not necessary on the basis of results of toxicological examination.

S-phrases

24/25 Avoid contact with skin and eyes.
61 Avoid release to the environment. Refer to special instructions/safety data sheets.

2.3. Other hazards

Information pertaining to special dangers for human and environment

none at appropriate handling and storage

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

Grease paste on a mineral-oil base with white solid lubricants

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
1314-13-2	215-222-5	zinc oxide	< 0,25	N R50-53
1305-62-0	215-137-3	calcium hydroxide	<= 25	XIR38-41

Additional advice

none at appropriate handling and storage

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately, don't leave to dry.

In case of inhalation

Call doctor in case of indisposition

Ensure of fresh air.

(may be relevant for vapours of superheated product)

In case of skin contact

In case of contact with skin wash off with soap and water.

Don't use organic solvents

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Do not induce vomiting.

Call for a doctor immediately.

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

Physician's information / possible symptoms

No symptoms known so far.

Physician's information / possible dangers

Aspiration hazard when vomiting after swallow up

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

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam

Dry fire-extinguishing substance

Carbon dioxide

sand

water mist

Unsuitable extinguishing media

water

5.2. Special hazards arising from the substance or mixture

Fire gas of organic material has to be classed invariably as respiratory poison.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

In case of rescue and maintenance activities in storage containers use environment-independent breathing apparatus because of risk of suffocation by edging out of air oxygen

Wear suitable personal protective equipment for fire extinguishing measures.

Additional information

Apply foam in large quantities because some of it is destroyed by the product.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Avoid contact with skin and eyes

High risk of slipping due to leakage/spillage of product.

6.2. Environmental precautions

Collect contaminated water / firefighting water separately.

Do not discharge into the drains/surface waters/groundwater.

Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Send in suitable containers for recovery or disposal.

Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder, Kieselguhr).

Additional Information

Informations for disposal see chapter 13.

6.4. Reference to other sections

No information available.

! SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Take the usual precautions when handling with chemicals.

Advice on protection against fire and explosion

The product is combustible.

Pay attention to general rules of internal fire prevention.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Prevent penetration into the ground.

Advice on storage compatibility

Do not store together with oxidising and self-inflammable materials.

Further information on storage conditions

Keep container tightly closed, store at cool and aired place, open and handle carefully.

Protect from heat and direct solar radiation.

Store in a dry place.

Information on storage stability

Refer to product information paper.

Storage group 11

Fire class B

7.3. Specific end use(s)

Recommendation(s) for intended use

see Product information

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice

As basis for this information served the valid references.

8.2. Exposure controls

Respiratory protection

Not necessary with good room ventilation

Hand protection

PVC gloves

Eye protection

tightly fitting goggles, in case of splashing

Skin protection

Usual working clothes for chemical industries

General protective measures

Avoid contact with eyes and skin

Hygiene measures

Cloths contaminated with product should not be kept in trouser pockets.
 Follow general rules of industrial hygiene for safe handling of chemical products
 At work do not eat, drink and smoke.
 Remove soaked clothing immediately.
 Keep away from food and drink.
 Wash hands before breaks and after work.
 Use barrier skin cream.

Additional advice on system design

Care for good room ventilation, exhaust system at workshop place if necessary

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Colour	Odour
pasty	beige	hardly noticeable

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state					not applicable
Changes in physical state					not determined
gas					
drop point	ca. 130 °C			DIN/ISO 2176	
Flash point					not determined
Autoignition					unknown
Relative density	1,1 g/cm ³	20 °C		DIN 51757	
Solubility in water					more or less insoluble

Oxidising properties

no

Explosive properties

no

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Heating, unshielded flame, ignition source, electrostatic charge

10.5. Incompatible materials

Materials to avoid

Reactions with strong oxidising agents.

10.6. Hazardous decomposition products

thermal decomposition:

Carbon monoxide

Carbon dioxide

Thermal decomposition

Remark No decomposition below 300 °C.

Additional information

All grease components show a very low level of reactivity at room temperature

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral				not determined
Irritability skin	non-irritant	rabbit	OECD 404	
Irritability eye	non-irritant	rabbit eye	OECD 405	
Skin sensitization	No sensitizing effect known			

Experiences made from practice

no harmful effects at appropriate handling and determined usage

Additional information

The product has not been tested. The information is derived from products of similar composition.

The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EC).

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish				not determined

12.2. Persistence and degradability

Biological

degradability

not determined

12.3. Bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

Behaviour in sewage plant

Product gets duly not into waste water before it is not treated according to the local regulations.

General regulation

Ecological dates are not available.

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.	Name of waste
12 01 12*	spent waxes and fats

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Standardized regulations for residual waste disposal within the EG member states do not exist.
German statutes are prescribed in the law of "recycling and waste" (KrW/AbfG)
used absorbents of chapter 6: EAK 07 06 10

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.
Dispose one-trip container according to local authority prescriptions
EAK 15 01 99 D1: packing material with harmful contamination

General information

Ultimately responsible for correct classification is the waste producer, as the EWC names different codes for different origins of same waste
Therefore the a.m. recommendation has to be checked in case of need.

SECTION 14: Transport information

Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations.

Marine transport IMDG

No hazardous goods as defined by prescriptions

Air transport ICAO/IATA-DGR

No hazardous goods as defined by prescriptions

Special precautions for user

No information available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available.

! SECTION 15: Regulatory information

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

VOC standard

VOC content 0 %

National regulations

Water hazard class 1 Mixture-WGK according to VwVwS (GER)
preliminary

15.2. Chemical Safety Assessment

No information available.

! SECTION 16: Other information

Training advice

Use information in this MSDS

Recommended uses and restrictions

usage only according to instructions for use and observance of warning notes
National and local regulations concerning chemicals shall be observed.

! Further information

The information given in this MSDS is based on the present state of knowledge and is intended to describe our products from the point of view of safety requirements only.

Substantial changes to the former version are marked by "!" on the left margin of the paper.

All the raw materials in this product are listed in TSCA.

All the raw materials in this product are listed in IECSC.

Refer to product information paper.

Sources of key data used

Material Safety Data Sheets of raw materials

Safety Data Sheet according to Regulation (EC) No. 1907/
2006 (REACH)

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gleitmo 805

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Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.