

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

Product identifier

Name of product gleitmo 300

Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

Lubricating film

Details of the supplier of the safety data sheet

Manufacturer/distributor

FUCHS LUBRITECH GMBH
Werner-Heisenberg-Straße 1, D-67661 Kaiserslautern/Germany
Phone +49 (0) 6301 3206 - 0, Fax +49 (0) 6301 3206 - 940
E-Mail reach@fuchs-lubritech.de
Internet www.fuchs-lubritech.com

Advice

Product Safety Management
Phone +49 (0) 6301 3206 - 0
Fax +49 (0) 6301 3206 - 940

Emergency telephone number

Emergency advice

+49 (0)171 / 4632154

No information available.

! SECTION 2: Hazards identification

Classification of the substance or mixture

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

R10
Xn; R65
R66
R67

R-phrases

10 Flammable.
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.
67 Vapours may cause drowsiness and dizziness.

Label elements

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

Remarks for labelling

The product is classified and labelled in accordance with EC directives/the relevant national laws.
Classification happened on the basis of calculation methods of preparation directive (1999/45/EC).

Xn Harmful



R-phrases

10 Flammable.
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.
67 Vapours may cause drowsiness and dizziness.

S-phrases

23 Do not breathe vapour.
24 Avoid contact with skin.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Hazardous ingredients for labeling

hydrocarbons, aliphatic, cycloparaffinic, propan-2-ol

Other hazards

No information available.



SECTION 3: Composition/ information on ingredients

Mixtures

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
67-63-0	200-661-7	propan-2-ol	ca. 5	F R11; Xi R36; R67
64742-49-0	265-151-9	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	ca. 90	Xn R10-65-66-67

Description

Mixture of wax and solvents

Additional advice

none at appropriate handling and storage

SECTION 4: First aid measures

Description of first aid measures

General information

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

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.
(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 thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

If swallowed seek medical advice immediately and show the doctor packing or label.

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

Indication of any immediate medical attention and special treatment needed

Treatment (Advice to doctor)

Treat symptoms.

Cream skin to avoid dermatitis

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Foam

Dry fire-extinguishing substance

water mist

Extinguishing media which must not be used for safety reasons

Full water jet

Special hazards arising from the substance or mixture

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

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

Personal precautions, protective equipment and emergency procedures

Keep away sources of ignition.
Avoid contact with skin and eyes

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.
Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the subsoil/soil.

Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).
Send in suitable containers for recovery or disposal.

Additional Information

Informations for disposal see chapter 13.

Reference to other sections

No information available.

SECTION 7: Handling and storage

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.
Take precautionary measures against static discharges.
Don't heat up to temperatures at close range to flash point

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.
Recommended storage temperature: room temperature.

Information on storage stability

see Product information

Storage group 10

Fire class B

Specific end use(s)

Recommendation(s) for intended use

see Product information

SECTION 8: Exposure controls/personal protection

Control parameters

Additional advice

As basis for this information served the valid references.

Exposure controls

Respiratory protection

Not required at determined application

Hand protection

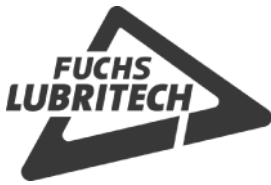
chemical-resistant gloves

Eye protection

safety goggles with side protection

Skin protection

Usual working clothes for chemical industries



General protective measures

Avoid contact with eyes and skin
Do not inhale gases/vapours/aerosols.

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 soiled or soaked clothing immediately.
Work in rooms with good ventilation.
Wash hands and skin before breaks and after work.

Additional advice on system design

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

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Form

liquid

Colour

colourless

Odour

solvent-like

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state					not applicable
Flash point	27 °C				
Autoignition					unknown
Density	0,76 g/cm ³	20 °C			
Solubility in water					more or less insoluble
Solubility/other				petrolether	

Other information

No information available.

SECTION 10: Stability and reactivity

Reactivity

No information available.

Chemical stability

No information available.

Possibility of hazardous reactions

No information available.

Conditions to avoid

Heating, unshielded flame, ignition source, electrostatic charge

Incompatible materials

Materials to avoid

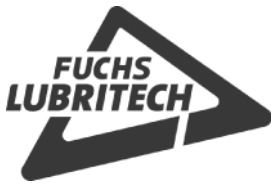
Reactions with oxidising agents.

Hazardous decomposition products

No hazardous decomposition products known.

Thermal decomposition

Remark No decomposition if used as directed.



SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral				not determined
Irritability skin				frequent and/or persistent contact may cause skin irritation
Irritability eye	may have irritating effect			if splash reaches eye
Skin sensitization	No sensitizing effect known			

Experiences made from practice

Has a degreasing effect on the skin.
Frequent persistent contact with the skin may cause skin irritation.

Additional information

No toxic data available.
The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EC).

SECTION 12: Ecological information

Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish				not determined
Persistence and degradability				
Biological degradability				not determined

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Results of PBT and vPvB assessment

No information available.

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

Do not allow uncontrolled leakage of product into the environment.
Product is not allowed to be discharged into the ground water or aquatic environment.

SECTION 13: Disposal considerations

Waste treatment methods

Waste code No.
07 06 04*

Name of waste
other organic solvents, washing liquids and mother liquors

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

Totally emptied packaging may be taken for recycling.
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.



Recommendation refers only to non-contaminated concentrate

SECTION 14: Transport information

Land and inland navigation transport ADR/RID

UN 1993 FLAMMABLE LIQUID, N.O.S. (white-spirit), 3, III, (D/E), Special provisions 640E, Classification code: F1

Marine transport IMDG

UN 1993 FLAMMABLE LIQUID, N.O.S. (turpentine substitute), 3, III

Air transport ICAO/IATA-DGR

UN 1993 Flammable liquid, n.o.s. (turpentine substitute), 3, III

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

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

VOC standard

VOC content ca.91 %

National regulations

Other regulations, restrictions and prohibition regulations

ZH 1/319 "Data Sheet: Solvents (M 017)"

Water hazard class

1 Mixture-WGK according to VwVwS (GER)
preliminary

Decree for case of interference/ remarks

Anhang I, Nr. 6

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.

This MSDS was done in cooperation with ESKA consulting office Hamburg

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

Refer to product information paper.

Sources of key data used

Material Safety Data Sheets of raw materials

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

R 10 Flammable.

R 11 Highly flammable.

R 36 Irritating to eyes.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

R 67 Vapours may cause drowsiness and dizziness.