

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

Printed  
revision

02.07.2015  
14.04.2015 (GB) Version 1.5

**gleitmo 1764 V**  
A01-00219

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

### 1.1. Product identifier

Name of product gleitmo 1764 V

### 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

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  
E-mail (competent person):  
reach@fuchs-lubritech.de

### 1.4. Emergency telephone number

#### Emergency advice

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

**EMERGENCY  
TELEPHONE NO.  
800-255-3924**

## 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 Regulation (EC) No 1272/2008 [CLP/GHS]

#### Additional information

##### ! Remark

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008

### 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

### 3.2. Mixtures

#### Description

Inorganic thickened sythetic oils with additives

#### Additional advice

No hazardous material resp. below level of consideration according to RL 67/548 EWG

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

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

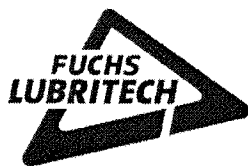
#### In case of inhalation

Call doctor in case of indisposition

Ensure of fresh air.

Remove from danger zone

(may be relevant for vapours of superheated product)



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**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**

Inhalation of thermal decomposition vapours may cause the arising of influenzal symptoms

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

**Treatment (Advice to doctor)**

Treat symptoms.

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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Foam  
Dry fire-extinguishing substance  
Carbon dioxide  
sand  
water mist

**Unsuitable extinguishing media**

Full water jet

**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**

Cool endangered containers with water spray jet.  
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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**SECTION 6: Accidental release measures**

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

**For non-emergency personnel**

Ensure adequate ventilation.  
Avoid contact with skin and eyes  
High risk of slipping due to leakage/spillage of product.

**For emergency responders**

no special dangers known

**6.2. Environmental precautions**

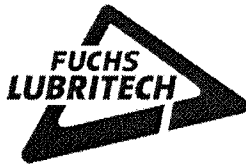
Collect contaminated water / firefighting water separately.  
Do not discharge into the drains/surface waters/groundwater.  
Do not discharge into the subsoil/soil.

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

Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).  
After taking up the material dispose according to regulation.  
Take up mechanically and send for disposal.

**Additional Information**

Keine gefährlichen Inhaltsstoffe bzw. unterhalb der Berücksichtigungsgrenze gemäß RL 67/548 EWG



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#### 6.4. Reference to other sections

Safe handling: see section 7  
Disposal: see section 13  
Personal protection equipment: see section 8  
Emergency telephone number: see section 1

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Take the usual precautions when handling with chemicals.

##### General protective measures

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

##### Hygiene measures

Follow general rules of industrial hygiene for safe handling of chemical products  
At work do not eat, drink and smoke.  
Use barrier skin cream.

##### Advice on protection against fire and explosion

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 food.

##### 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

Refer to product information paper.

**Storage group** 10

**Fire class** B

#### 7.3. Specific end use(s)

No information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Additional advice

This product as such does not contain any relevant ingredients with to be observed limited values  
As basis for this information served the valid references.

#### 8.2. Exposure controls

##### Respiratory protection

not necessary in general

##### Hand protection

Gloves (oil-resistant)  
PVC gloves

##### Eye protection

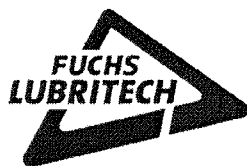
safety goggles

##### Other protection measures

Usual working clothes for chemical industries

##### Appropriate engineering controls

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



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## SECTION 9: Physical and chemical properties

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

**Appearance**

pasty

**Colour**

white

**Odour**

hardly noticeable

**Odour threshold**

not determined

### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value</b>					not applicable
<b>Boiling temperature / boiling range</b>	not determined				
<b>drop point</b>	no			DIN/ISO 2176	
<b>Flash point</b>					not applicable
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>					unknown
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	1,9 g/cm <sup>3</sup>	20 °C		DIN 51757	
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					more or less insoluble
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity</b>	not determined				
<b>Oxidising properties</b>	no				
<b>Explosive properties</b>	no				
<b>9.2. Other information</b>	No information available.				

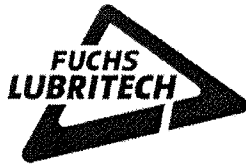
## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

No information available.



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**10.3. Possibility of hazardous reactions**

No information available.

**10.4. Conditions to avoid**

If product is heated above decomposition temperature toxic vapours may be released.

**10.5. Incompatible materials**

**Materials to avoid**

Reactions with oxidising agents.  
Reactions with alkali metals.  
Reactions with alkalies.

**10.6. Hazardous decomposition products**

thermal decomposition:  
Carbon monoxide and carbon dioxide.  
Hydrogen fluoride  
Carbonyl fluoride

**Thermal decomposition**

Remark No decomposition below 260 °C.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>				not determined
<b>Irritability skin</b>	no irritating effects known			
<b>Irritability eye</b>	no irritating effects known			
<b>Skin sensitization</b>	No sensitizing effect known			

**Experiences made from practice**

From burning or separation of product developing smoke occurs irritation or inflammation of eyes.  
no harmful effects at appropriate handling and determined usage

**Additional information**

No toxicological data available.  
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
<b>Fish</b>			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.

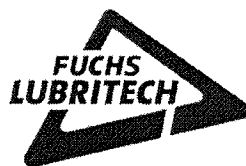
**12.5. Results of PBT and vPvB assessment**

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.



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**General regulation**

Ecological dates are not available.  
Do not allow uncontrolled leakage of product into the environment.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Waste code No.**

12 01 12\*

16 05 06\*

16 05 08\*

**Name of waste**

spent waxes and fats

laboratory chemicals consisting of or containing dangerous substances including mixtures of laboratory chemicals

discarded organic chemicals consisting of or containing dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC 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 10: 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**

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

**14.6. Special precautions for user**

No information available.

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

No information available.

**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**

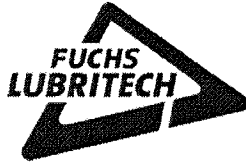
No hazardous goods as defined by prescriptions

**SECTION 15: Regulatory information**

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

**VOC standard**

VOC content 0 %



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**National regulations**

**Water hazard class**

- non water hazardous material

**15.2. Chemical Safety Assessment**

No information available.

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**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.

Refer to product information paper.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.4

**Sources of key data used**

Material Safety Data Sheets of raw materials