



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

Printed 21.09.2010  
Revision 25.08.2010 (GB) Version 1.0  
**CASSIDA GREASE EPS 2**  
A01-07513

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Name of product** CASSIDA GREASE EPS 2

**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  
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**Advice** Product Safety Management  
Phone +49 (0) 6301 3206 - 0  
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**Emergency advice** +49 (0)171 / 4632154

**Recommended intended purpose(s)**  
Lubricating grease

**EMERGENCY TELEPHONE NO.**

**800-255-3924**

## 2. HAZARDS IDENTIFICATION

**Information pertaining to special dangers for human and environment**  
none at appropriate handling and storage

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Description

Thickening system and additives in synthetic oil  
Product contains only substances permitted under US 21CFR 178.3570, 178.3620 and 182 for use in lubricants with incidental food contact.

### Additional advice

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

## 4. 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 with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

### In case of ingestion

Do not induce vomiting.  
Refer to medical treatment.

### Physician's information / possible symptoms

No symptoms known so far.

### Treatment (Advice to doctor)

Treat symptoms.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Foam  
Dry fire-extinguishing substance  
Carbon dioxide  
water mist

### Extinguishing media which must not be used for safety reasons

Strong water jet

### Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

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



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**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.  
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.

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**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

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

**Environmental precautions**

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

**Methods for cleaning up**

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

**Additional Information**

Informations for disposal see chapter 13.

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**7. HANDLING AND STORAGE**

**Advice on safe handling**

Avoid formation of oil dust.  
Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

**Advice on protection against fire and explosion**

The product is combustible.  
Pay attention to general rules of internal fire prevention.

**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.  
Storage temperature may not exceed 40 °C (=104 °F).  
Store in a dry place.  
Do not keep at temperatures below 0 °C.  
Recommended storage temperature: room temperature.

**Storage group** 10/11

**Fire class** B

**Information on storage stability**

See technical information about storage of lubricants

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Additional advice on system design**

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

**Additional advice**

As basis for this information served the valid references.

**Respiratory protection**

Not required at determined application

**Hand protection**

As the product is a preparation of several substances, the resistance of the materials used for gloves cannot be predetermined; it is therefore necessary to check this before using the product.  
The break through time depends on the mechanical stress imposed and must therefore be checked individually.  
PVC gloves  
nitrile gloves  
Neoprene gloves



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**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

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

Remove soaked clothing immediately.

Wash skin thoroughly and immediately after handling the product.

Use barrier skin cream.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form</b>	<b>Colour</b>	<b>Odour</b>
pasty	white	odourless

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>					not applicable
<b>drop point</b>	> 240 °C			DIN/ISO 2176	
<b>Flash point</b>	> 200 °C				
<b>Ignition temperature</b>	> 320 °C				
<b>Lower explosion limit</b>	1 Vol-%				information refer to base oil
<b>Upper explosion limit</b>	10 Vol-%				information refer to base oil
<b>Vapour pressure</b>	< 0,5 Pa	20 °C			
<b>Density</b>	ca. 0,9 g/cm <sup>3</sup>	15 °C			
<b>Solubility in water</b>					more or less insoluble
<b>Oxidizing properties</b>					
no					

**10. STABILITY AND REACTIVITY**

**Conditions to avoid**

Heating, unshielded flame, ignition source, electrostatic charge

**Materials to avoid**

Reactions with oxidising agents.

**Hazardous decomposition products**

none at appropriate handling and storage

**Thermal decomposition**

Remark No decomposition if used as directed.

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD 50 acute oral</b>				not determined
<b>Irritability skin</b>				frequent and/or persistent contact may cause skin irritation
<b>Irritability eye</b>	may have irritating effect			if splash reaches eye



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Value/Validation	Species	Method	Remark
<b>Skin sensitization</b>	No sensitizing effect known		
<b>Experiences made from practice</b> Has a degreasing effect on the skin. no harmful effects at appropriate handling and determined usage			
<b>Additional information</b> No toxicological data available. The product was classified on the basis of the calculation procedure of the directive 67/548/EEC (conventional method).			

## 12. ECOLOGICAL INFORMATION

### Data on elimination (persistence and degradability)

Elimination rate	Method of analysis	Method	Validation
<b>Biological degradability</b>			not determined

### Mobility and bioaccumulative potential

Because of its consistency the product cannot be dispersed in the environment. Adverse ecological effects are therefore unlikely on the basis of current knowledge.

preparation is water insoluble and does not formate emulsion

### Ecotoxicological effects

Value	Species	Method	Validation
<b>Fish</b>			not determined

### Behaviour in sewage plant

The viscous consistency of the product can cause trouble in transport lines and purification plants.

### General regulation

Ecological data are not available.

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

### Recommendations for the product

Waste disposal in accordance with the relevant regulations.

### 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

## 14. TRANSPORT INFORMATION

### Land and inland navigation transport ADR/RID

No hazardous material as defined by the prescriptions.

### Marine transport IMDG

No hazardous goods as defined by prescriptions

### Air transport ICAO/IATA-DGR

No hazardous goods as defined by prescriptions

## 15. REGULATORY INFORMATION

### 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.

Classification done on the basis of calculation methods of substance directive (67/548 / EEC ).



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#### National regulations

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

**VOC standard**  
**VOC content** 0 %

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#### 16. OTHER INFORMATION

##### Training advice

Use information in this MSDS

##### Recommend 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.

##### Sources of key data used

Material Safety Data Sheets of raw materials