



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 1
A01-07512

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

Name of product CASSIDA GREASE EPS 1

Manufacturer/distributor FUCHS LUBRITECH GMBH
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Recommended intended purpose(s)
Lubricating grease

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.



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.

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.

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

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



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

Form	Colour	Odour
pasty	white	odourless

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state					not applicable
drop point	> 240 °C			DIN/ISO 2176	
Flash point	> 200 °C				
Ignition temperature	> 320 °C				
Lower explosion limit	1 Vol-%				information refer to base oil
Upper explosion limit	10 Vol-%				information refer to base oil
Vapour pressure	< 0,5 Pa	20 °C			
Density	ca. 0,9 g/cm ³	15 °C			
Solubility in water					more or less insoluble
Oxidizing properties					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
LD 50 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



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Value/Validation	Species	Method	Remark
Skin sensitization	No sensitizing effect known		
Experiences made from practice Has a degreasing effect on the skin. 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 directive 67/548/EEC (conventional method).			

12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

Elimination rate	Method of analysis	Method	Validation
Biological degradability			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
Fish			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 2 Mixture-WGK according to VwVwS (GER)
preliminary

VOC standard
VOC content 0 %

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