



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

Printed 18.12.2015
revision 20.05.2015 (GB) Version 2.0

CASSIDA GREASE LTS 1

A01-07531-CP1000799

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

1.1. Product identifier

Name of product

CASSIDA GREASE LTS 1

US Distributor

Fuchs Lubricants Co.
17050 Lathrop Avenue
Harvey, IL 60426
(708) 333-8900
(800) 255-3924 24 hrs Emergency

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.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

R18

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

3.1. Substances

not applicable

3.2. Mixtures

Description

Thickening system and additives in synthetic oil

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
80939-62-4	279-632-6	Amines, C11-14-branched alkyl, monoheptyl and diheptyl phosphates	0,1 < 1	Xi R36/38, N R51/53
	203-749-3	Ölsäure-Derivat	<= 0,1	Xn; R22-38-41 N; R50/53



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Hazardous ingredients (continued)

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
80939-62-4	279-632-6	Amines, C11-14-branched alkyl, monoheptyl and diheptyl phosphates	0,1 < 1	, H315 / , H319 / , H411
	203-749-3	Ölsäure-Derivat	<= 0,1	Eye Dam. 1, H318 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410 / Acute Tox. 4, H332 / Skin Irrit. 2, H315

REACH

CAS No	Name	REACH registration number
	Ölsäure-Derivat	01-2119488991-20

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

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.

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

Physician's information / possible symptoms

No symptoms known so far.

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

Foam

Dry fire-extinguishing substance

Carbon dioxide

water mist

Unsuitable extinguishing media

Strong 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

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.

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.

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).

Take up mechanically.

Additional Information

no special dangers known

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

Avoid formation of oil dust.

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

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.

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.

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.

Information on storage stability

See technical information about storage of lubricants

Storage group 11

Fire class B



7.3. Specific end use(s)

No information available.

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 required at determined application

Hand protection

As the product is a preparation of several substances, the actual resistance of the materials used for gloves cannot be scientifically calculated; it is therefore mandatory 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

Other protection measures

Usual working clothes for chemical industries

Appropriate engineering controls

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

Appearance

pasty

Colour

yellowish

Odour

odourless

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value					not applicable
boiling range					not determined
drop point	> 240 °C				
Flash point	> 150 °C				
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	> 320 °C				
Self ignition temperature	not determined				
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			
Relative density	ca. 0,825 - 0,835 g/cm ³	15 °C			
Vapour density	not determined				



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	Value	Temperature	at	Method	Remark
Solubility in water					more or less insoluble
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	> 6				
Decomposition temperature	not determined				
Viscosity consistency					NLGI 1
Viscosity kinematic	18 - 22 mm ² /s	40 °C			Angaben beziehen sich auf das Grundöl
Oxidising properties	no				
Explosive properties	No information available.				
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 oxidising agents.

10.6. Hazardous decomposition products

none at appropriate handling and storage

Thermal decomposition

Remark No decomposition if used as directed.

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				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.
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).

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
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12.3. 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

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

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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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 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

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 %

National regulations

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

15.2. Chemical Safety Assessment

Chemical Safety Assessments for mixtures is not required.

! 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 DSL.

Refer to product information paper.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.9

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 20 Harmful by inhalation.

R 36/38 Irritating to eyes and skin.

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

R 50 Very toxic to aquatic organisms.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.