

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

### 1.1. Product identifier

#### Name of product

CASSIDA GREASE GTX 2

### 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

### Distributor:

Fuchs Lubricants Co.  
17050 Lathrop Avenue  
Harvey, IL 60426  
708-333-8900  
24 Hr: 800-255-3924

### 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

R43

#### R-phrases

43 May cause sensitisation by skin contact.

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

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Eye Irrit. 2	H319	

### 2.2. Label elements

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



GHS07

#### Signal word

Warning

#### Hazard Statements

H319 Causes serious eye irritation.

#### Precautionary Statements

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves and eye protection/face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

#### Hazardous ingredients for labeling

Calcium sulfonate

### 2.3. Other hazards

No information available.

## 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
68411-46-1	270-128-1	Anilin, N-Phenyl-, Reaktionsprodukte mit 2,4,4-Trimethylpenten	>= 1 < 10	R52/53
70024-69-0	274-263-7	Calcium sulfonate	>= 1 < 10	Xi; R43
26264-06-2	247-557-8	Calciumdodecylbenzolsulfonat	>= 1 < 3	Xi; R38-41
68584-23-6	271-529-4	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	>= 1 < 10	Xi; R43
61789-86-4	263-093-9	Sulfonic acids, petroleum, calcium salts	>= 1 < 10	Xi; R43

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
68411-46-1	270-128-1	Anilin, N-Phenyl-, Reaktionsprodukte mit 2,4,4-Trimethylpenten	>= 1 < 10	Aqu. chron. 3, H412
70024-69-0	274-263-7	Calcium sulfonate	>= 1 < 10	Skin Sens. 1, H317
26264-06-2	247-557-8	Calciumdodecylbenzolsulfonat	>= 1 < 3	Skin Irrit.2, H315 / Eye Dam. 1, H318
68584-23-6	271-529-4	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	>= 1 < 10	Skin Sens. 1B, H317
61789-86-4	263-093-9	Sulfonic acids, petroleum, calcium salts	>= 1 < 10	Skin Sens. 1B, H317

#### REACH

CAS No	Name	REACH registration number
70024-69-0	Calcium sulfonate	01-2119492616-28

#### 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.

#### 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.

In case of indisposition seek for medical advice, show safety data sheet or product label

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

#### Physician's information / possible symptoms

Gastrointestinal complaints

#### Physician's information / possible dangers

Aspiration hazard when vomiting after swallow up

### 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

#### Unsuitable extinguishing media

water

### 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

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

Use personal protective clothing.

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

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

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## 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

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 soaked clothing immediately.

Wash hands before breaks and after work.

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.

##### 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.

nitrile gloves

Neoprene gloves

##### Eye protection

safety goggles

##### Other protection measures

Usual working clothes for chemical industries

##### Thermal hazards

no special dangers known

##### Appropriate engineering controls

Do not inhale aerosols caused by spraying application

### SECTION 9: Physical and chemical properties

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

##### Appearance

pasty

##### Colour

yellowy-brown

##### Odour

mild

##### Odour threshold

not determined

#### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value					not applicable



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

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**CASSIDA GREASE GTX 2**

A01-07608

	Value	Temperature	at	Method	Remark
<b>boiling range</b>					not determined
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	> 180 °C			Cleveland open cup	
<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>	0,95 - 1,05 g/cm <sup>3</sup>	25 °C			
<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.

### 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 strong 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
LD50 acute dermal				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	May have sensitizing effect.			

##### Experiences made from practice

Frequent persistent contact with the skin may cause skin irritation.  
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
Daphnia				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.  
The viscous consistency of the product can cause trouble in transport lines and purification plants.

##### General regulation

Do not allow uncontrolled leakage of product into the environment.



## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Recommendations for the product

Disposal according to local authority prescriptions

#### 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

#### Recommended cleansing agent

white spirit

#### 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 special dangers known		
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not applicable		
Land and inland navigation transport ADR/RID	No dangerous goods as defined by these transport regulations.		
Marine transport IMDG	No dangerous goods as defined by these transport regulations.		
Air transport ICAO/IATA-DGR	No dangerous goods as defined by these transport regulations.		
Transport/further information	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 MITI.

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

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

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

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

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

All the raw materials in this product are listed in NZIoC (New Zealand).

Refer to product information paper.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 2.4

### 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 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

R 43 May cause sensitisation by skin contact.

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.