

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

1.1. Product identifier

Name of product

CASSIDA GREASE GTS 2

US Distributor

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

1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

Lubricating grease

Effect of the substance / the mixture

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

Additional hints

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

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.

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

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	< 2,5	R52/53
61789-86-4	263-093-9	Sulfonic acids, petroleum, calcium salts	< 2,5	Xi; R36
26264-06-2	247-557-8	Calciumdodecylbenzolsulfonat	< 2,5	Xi; R38-41
68584-23-6	271-529-4	Benzolsulfonsäure, C10-C16-Alkylderivat, Calciumsalz	< 5	Xi; R36

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	< 2,5	Aqu. chron. 3, H412
26264-06-2	247-557-8	Calciumdodecylbenzolsulfonat	< 2,5	Skin Irrit. 2, H315 / Eye Dam. 1, H318
68584-23-6	271-529-4	Benzolsulfonsäure, C10-C16-Alkylderivat, Calciumsalz	< 5	Eye Irrit. 2, H319

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

Rinse out mouth and give plenty of water to drink.

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

Risk of pulmonary oedema

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

sand

water mist

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.

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Sulfur oxide

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.

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

Use personal protective clothing.

Avoid contact with skin and eyes

High risk of slipping due to leakage/spillage of product.

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.

Additional Information

Informations for disposal see chapter 13.

6.4. Reference to other sections

No information available.

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)

Recommendation(s) for intended use

see Product information

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.

Gloves (oil-resistant)

nitrile gloves

Eye protection

safety goggles

Other protection measures

Usual working clothes for chemical industries

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

light brown

Odour

oil-like

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value					not applicable
boiling range					not determined
Melting point / Freezing point	not determined				
Flash point	> 180 °C			Cleveland open cup	
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature					unknown



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

Printed 01.11.2015
revision 10.04.2015 (GB) Version 2.0

CASSIDA GREASE GTS 2

A01-07609

	Value	Temperature	at	Method	Remark
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	0,95 - 1,05 g/cm3	25 °C			
Vapour density	not determined				
Solubility in water					more or less insoluble
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)					not determined
Decomposition temperature	not determined				
Viscosity	not determined				
Oxidising properties	no				
Explosive properties	no				
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 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



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

Printed 01.11.2015
revision 10.04.2015 (GB) Version 2.0

CASSIDA GREASE GTS 2

A01-07609

	Value/Validation	Species	Method	Remark
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

Frequent persistent contact with the skin may cause skin irritation.
no harmful effects at appropriate handling and determined usage

Additional information

The declarations of toxicology refer to main component.
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 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

No information available.

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.

Refer to product information paper.

Sources of key data used

Adoption of supplier data sheet

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 36 Irritating to eyes.

R 38 Irritating to skin.



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

Printed
revision

01.11.2015
10.04.2015 (GB) Version 2.0

CASSIDA GREASE GTS 2
A01-07609

R 41 Risk of serious damage to eyes.

R 52/53 Harmful 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.

H412 Harmful to aquatic life with long lasting effects.