

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

1.1. Product identifier

Name of product CASSIDA GREASE HDS 00_CLP

1.2. Relevant identified uses of the substance or mixture and uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor Bremer & Leguil GmbH
Am Burgacker 30-42, D-47051 Duisburg
Postbox 100221, D-47002 Duisburg
Phone +49 (0)203 / 9923-0, Fax +49 (0)203 / 25901
E-Mail info@bremer-leguil.de
Internet www.bremer-leguil.de

Advice

E-mail (competent person):
product-safety-management@bremer-leguil.de

1.4. Emergency telephone number

Emergency advice Giftinformationszentrum Mainz
Phone +49 (0)6131 / 19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

2.2. Label elements

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

No information available.

2.3. Other hazards

Information pertaining to special dangers for human and environment

none following the use direction and storage conditions

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
80939-62-4	279-632-6	Mixture of amine phosphate	0,1-1	Xi, N, 36/38;51/53
	203-749-3	Ölsäure-Derivat	<= 0,1	Xn;R20-38-41, N;R50/53

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	Mixture of amine phosphate	0,1-1	Eye Irrit. 2, H319 / Skin Irrit.2, H315 / Aquatic Chronic 2, H411

Description

Schmierfett: Verdickersystem und Additive in Syntheseöl

Additional advice

keine gefährlichen Reaktionen bei vorschriftsmässiger Lagerung und Handhabung.

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

(may be relevant for vapours of superheated product)

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

Don't use organic solvents.

In case of contact with skin wash off with soap and water.

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

Für Löschmaßnahmen ist geeignete persönliche Schutzausrüstung zu tragen.

Use breathing apparatus with independent air supply.

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

No information available.

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

keine besonderen Gefahren bekannt

6.4. Reference to other sections

No information available.

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.

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.

Recommended storage temperature: room temperature.

Do not keep at temperatures below 0°C.

Information on storage stability

Siehe technische Information zur Lagerung von Schmierstoffen

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

Nitrile gloves

PVC gloves

Neoprene gloves

Da das Produkt eine Zubereitung aus mehreren Stoffen darstellt, ist die tatsächliche Beständigkeit von Handschuhmaterialien nicht wissenschaftlich vorhersagbar, und muß deshalb vor dem Einsatz überprüft werden.

Die Durchdringungszeit ist abhängig von der mechanischen Beanspruchung und muß deshalb im Einzelfall geprüft werden.

Eye protection

Safety goggles with side protection 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.

Remove soaked clothing immediately.

Wash skin thoroughly and immediately after handling the product.

Use barrier skin cream.

Es sind die allgemeinen Regeln der Industriehygiene beim Umgang mit chem. Erzeugnissen zu befolgen.

Additional advice on system design

Ensure adequate ventilation; local exhaust ventilation if necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

pasty

Colour

white

Odour

odourless

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state					not applicable
drop point	> 200 °C			DIN/ISO 2176	
Flash point	> 200 °C				
Ignition temperature	> 320 °C				
Lower explosion limit	1 Vol-%				Information refer to base oil.

	Value	Temperature	at	Method	Remark
Upper explosion limit	10 Vol-%				Information refer to base oil.
Vapour pressure	< 0,5 Pa	20 °C			
Relative density	ca. 0,916-0,926 g/cm ³	15 °C			
Solubility in water					more or less insoluble
Viscosity					NLGI 00
Viscosity kinematic	720-880 mm ² /s	40 °C			Angaben beziehen sich auf das Grundöl

Oxidising 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, open flame, ignition sources, static electricity

10.5. Incompatible materials

Materials to avoid

Reactions with oxidising agents.

10.6. Hazardous decomposition products

none under proper storage and application

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				no data available
Irritability skin				Frequent or long-lasting contact may cause skin irritation

	Value/Validation	Species	Method	Remark
Irritability eye	Irritation possible			contact of splashes with the eyes
Skin sensitization	No sensitising effect known			

Experiences made from practice

No harmful effects at appropriate handling and determined usage.
Has a degreasing effect on the skin.

Additional information

Die Einstufung wurde nach dem Berechnungsverfahren der Stoffrichtlinie (67/548/EWG) vorgenommen (konventionelles Verfahren).
No toxicological data available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

Value	Species	Method	Validation
Fish			no data available

12.2. Persistence and degradability

Biological degradability

no data available

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.

Zubereitung ist wasserunlöslich und verursacht keine Emulsionsbildung

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 dates are not available.

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

Dispose in accordance with local official regulations

Recommendations for packaging

Dispose one-trip container according to local authority prescriptions

z.B:EAK 15 01 10 Verpackungen, die Rückstände gefährlicher Stoffe enthalten oder durch gefährliche Stoffe verunreinigt sind

Totally emptied packaging may be taken for recycling.

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

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 dangerous goods as defined by these transport regulations.

Special precautions for user

No information available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No information available.

15.2. Chemical Safety Assessment

No information available.

SECTION 16: Other information

Training advice

Angaben in diesem SDB verwenden

Recommended uses and restrictions

Verwendung nur nach Gebrauchsanweisung unter Beachtung der Warnhinweise.

National and local regulations concerning chemicals shall be observed.

Further information

Die Angaben stützen sich auf den heutigen Stand unserer Kenntnisse, sie stellen jedoch keine Zusicherung von Produkteigenschaften dar und begründen kein Rechtsverhältnis.

Main changes to preliminary versions are marked with "!" on the left side of the pages

Alle Inhaltsstoffe des Produktes sind TSCA-gelistet.

Refer to product information paper.

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 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.