

SAFETY DATA SHEET according to Regulation EG 1907/2006

Printed: 16.10.2015 **Date Revision:** 26.09.2015 **Product:** EAP 130 Oil-Viscosity Stabilizer

1. Name of the substance or mixture and the company

1.1. Product identifier

Trade name: **EUROLUB®** EAP 130 Oil-Viscosity Stabilizer

1.2. Identified relevant uses of the substance or mixture and uses is not recommended:

Uses of the substance / mixture: Cleaning agents

Recommended restrictions of use: at the present time there is no information about the limitations of use are us.
The occurrence of data they be included in the safety data sheet.

1.3. Details of the supplier who provides the material safety data sheet:

EUROLUB GmbH
Freisinger Strasse 25-27
DE 85386 Eching
+49 (0)8165/9591-0
+49 (0)8165/9591-20
info@eurolub.com

1.4 Emergency telephone number:

Laboratory:

Email:

1.4 emergency telephone number: +49 (0)8165/9591-0 Mon-Fri 8⁰⁰ 16³⁰

Outside of the Business hours:

Also the poisoning accidents information centers provide information in the Federal Republic of Germany

2. Hazards identification

2.1. Classification of the substance or mixture

Classification in accordance with Directive (EC) no 1272/2008

The product is not classified in accordance with the CLP regulation.

Special hazards for people and the environment:

The product is not to be labelled due to the calculation procedure of the "general classification guideline for preparations of the EU" in the latest valid version.

2.2. Label elements

Labelling in accordance with Directive (EC) no 1272/2008:

Hazard symbols:

Eliminates

Signal word: eliminates

Additional marking:

EUH208 contains CA-sulphonate. Can cause allergic reactions.

EUH210 safety data sheet available on request.

2.3. Other risks

The results of the PBT and vPvB assessment

Review: PBT: not applicable.

vPvB: Not applicable.

SAFETY DATA SHEET according to Regulation EG 1907/2006**Printed:** 16.10.2015 **Date Revision:** 26.09.2015 **Product:** EAP 130 Oil-Viscosity Stabilizer**3. Composition/information on ingredients****3.2. Preparation:****Classification Regulation EC No. 1272/2008**

| Hazardous ingredients | amount % | Hazard class /. | Risk category |
|---|----------|--|------------------------------|
| EUROLUB GTS 20W/50 | 50-100 | | |
| [EU leftover EUH208 - additional marking, not part of the classification], EUH208 | | | |
| [EU leftover EUH210 - additional marking, not part of the classification], EUH210 | | | |
| 68478-66-0 Ethanol, 2, 2' - Iminobis-, n [3-(branched Tridecyloxy) propyl] derivatives, N-oxide | < 0,1 % | Irritation on the skin 1 B Skin sensitization 1 Water hazard: Acute 1 Water hazard: Chronic 1 | H314 H317 H400 H410 |

See section 16 for the full text of the warnings listed in this section

4. First aid measures**4.1. Description of first aid measures**

Move out of the danger area get general information. Take off all contaminated clothing immediately.

Bring after breathing in the fresh air. When shortness of breath oxygen therapy. If symptoms persist, seek medical attention. Recovery position apply to unconsciousness and seek medical advice.

After contact with skin, wash immediately with SOAP and plenty of water. If symptoms persist, seek medical attention.

After eye contact immediately flush with plenty water for at least 5 minutes out, also under the eyelids. If eye irritation consult a specialist.

In case of ingestion induce no vomiting. Aspiration hazard! Immediately consult a doctor. Bring someone who is vomiting lying on his back in the recovery position.

4.2. Most important acute or delayed symptoms and effects

Symptoms include headache, dizziness, fatigue, nausea and vomiting symptoms of increased exposure.

Inhalation may cause central nervous system depression and narcosis. Dries out the skin.

Effects risk of serious lung damage (in the case of aspiration). Aspiration can lead to pulmonary edema and pneumonia.

4.3. Indication of immediate medical attention and special treatment needed

Treatment During ingestion or vomiting risk of penetration into the lungs.

5. Fire-fighting measures**5.1. Extinguishing media:**

Use suitable extinguishing media water fog, foam, dry chemical or carbon dioxide.

Unsuitable extinguishing agents water full Jet

5.2. Special hazards of the substance or mixture

Specific risks associated with flammable liquid. Vapours may form explosive mixtures with air. The fire-fighting product floating on water and does not come off. Incomplete combustion can cause the formation of toxic Pyrolysis products lead. In case of fire the following can be released: oxides of carbon.

5.3 Instructions for fire-fighting

Self-contained breathing apparatus wearing special protection from fire. Equipment for the wear suitable protective clothing (full protective suit).

Fire-fighting

Cool more information closed containers exposed to fire with water spray. Contaminated firefighting water collected separately, must not enter the sewer system.

SAFETY DATA SHEET according to Regulation EG 1907/2006

Printed: 16.10.2015 **Date Revision:** 26.09.2015 **Product:** EAP 130 Oil-Viscosity Stabilizer

6. Accidental release

6.1. Personal precautions, protective equipment and procedures to be applied in case of emergency

Personal protective equipment and procedures to be applied in case of an emergency.

Wear personal protection precautions.

6.2. Environmental protection measures

Get environmental protection measures not into surface water or drains. Avoid penetration into the ground. The contamination of water or sewer use inform the competent authorities. Penetration into the ground inform responsible authorities.

6.3. Methods and materials for containment and cleaning

Methods and materials to ensure adequate ventilation. With Liquid-binding material (sand, Containment and cleaning: diatomaceous earth, acid Binder, universal binder) record. Large burial to be captured mechanically to the disposal (to be removed by pumping).

The recorded material in accordance with section disposal handle more information.

6.4. Reference to other sections

Personal protective equipment, see section 8.

7. Handling and storage

7.1. Precautions for safe handling

Keep instructions for safe handling containers tightly closed. Avoid inhalation of vapors or mists. Ensure adequate air exchange for handling and/or exhaust in work rooms.

Hygiene measures take off immediately all contaminated clothing.

Do not breathe gas/fumes/vapor/spray. Avoid contact with skin and eyes. Keep away from foodstuffs, beverages and feed. At work do not eat, drink and smoke. Wash hands before breaks and at end of work.

7.2. Conditions for safe storage, including any incompatibilities

Requirements: keep only in the original container. ·

Storage areas and containers

Indication for combined storage: Not required.

Further information about storage conditions:

Cool and dry place in tightly sealed containers.

Storage class:

Classification according to operational safety Ordinance

Germany (BetrSichV):

7.3. Specific end-uses

Specific use (s) no information available.

SAFETY DATA SHEET according to Regulation EG 1907/2006**Printed:** 16.10.2015 **Date Revision:** 26.09.2015 **Product:** EAP 130 Oil-Viscosity Stabilizer

8. Exposure controls / personal protection**8.1. Parameters to be monitored**

Components with workplace control parameters:

Contains mineral oil. Under conditions where mineral oil mist can make, observe the following limit values: US OSHA PEL value 5 mg/m³ and ACGIH STEL value 10 mg / m³.

Additional information: the lists valid during the creation were used as basis.

8.2 limitation and exposure controls

Personal protective equipment:

General protective and hygienic measures:

Wash hands before breaks and at end of work.

Hand protection:

Wear chemical protective gloves according to EN 374.

Gloves - oil resistant

Glove material nitrile rubber

Gloves made of PVC

Neoprene gloves

The selection of the suitable gloves does not only depend on the material, but also of quality characteristics is dependent and varies from manufacturer to manufacturer. Because the product is a preparation of several substances, the resistance of the glove is not predictable and therefore must be checked before use.

Penetration time of glove material:

Permanent exposure, we recommend gloves with a breakthrough time of 240 minutes, ideally with > 480 minutes, if available. As a protection against short-term exposure / splash guard the recommendation remains the same, however, it may be that this protection class gloves are not available. In this case, even gloves with less breakthrough time are sufficient, provided that all maintenance and replacement are observed.

The thickness of the gloves allow no reliable inference on their resistance to a certain chemical, because it depends on the exact composition of the glove material.

The exact time of the breakthrough is to find out the manufacturer of the protective gloves and adhere to.

Eye protection: in the case of decanting goggles recommended.

Body protection: protective clothing

9. Physical and chemical properties

Form: liquid

Color: Brown

Odor: characteristic

Odor threshold: Data not available

Melting point/melting range: not determined

Boiling point/boiling range: not determined

Flash point: > 110 ° C

Auto-flammability: The product is not self-igniting

Danger of explosion: The product is not explosive, but the education is

Explosion limits: lower: not determined **upper:** not determined

Density (20 ° C): 0.886 g / cm³ (20 °c)

Solubility in / miscibility with water: Not or slightly soluble

Further information:

Solvent content:

Organic solvents: 0.0 %

9.2 other information

No further information available

SAFETY DATA SHEET according to Regulation EG 1907/2006**Printed:** 16.10.2015 **Date Revision:** 26.09.2015 **Product:** EAP 130 Oil-Viscosity Stabilizer

10. Stability and reactivity**10.1. Reactivity**

Note No decomposition if proper storage and application.

10.2. Chemical stability

Note stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Dangerous reactions: The formation of potentially explosive vapor / air mixtures is possible. Self-ignition is possible in contact with such as soiled clothes, textiles or similar.

10.4 Conditions to avoid

To avoid keep away from heat and sources of ignition. Protect from direct sunlight.

Conditions

Thermal decomposition no data available.

10.5. Incompatible materials

Materials to avoid strong oxidizing agents

10.6. Hazardous decomposition products

Dangerous no dangerous decomposition products known.

Decomposition products

11. Toxicological information**11.1. Data on the toxicological effects****Irritation on the skin**

Relevant ingredients:

Ethanol, 2, 2' - Iminobis-, n [3-(branched Tridecyloxy) propyl] derivatives, N-oxide CAS: 68478-66-0 < 0,1 %
not additive, classification of the substance: category 1B

SCL: Category 1B: 5% (General limit) category 1C: 5% (General limit) category 2:10 % (General limit)

Skin sensitization

Relevant ingredients:

Ethanol, 2, 2' - Iminobis-, n [3-(branched Tridecyloxy) propyl] derivatives, N-oxide CAS: 68478-66-0 < 0,1 %
classification of the substance: category 1

SCL: Category 1: 1% (General limit)

The mixture is not skin sensitizing. Allergies can be triggered in susceptible individuals, however.

Acute toxicity

Acute toxicity:

Primary irritant effect:

Skin: no irritant effect.

Eye: no irritant effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not to be labelled due to the calculation procedure of the general classification guideline for preparations of the EU in the latest valid version.

Causing specifications and intended use of the product based on our experience and the us present information no adverse health effects.

Awareness-raising for respiratory or skin sensitization: probably not a sensitizer.

CMR effects (carcinogenic, mutagenic and reprotoxic effects)

This product contains mineral oils, considered highly refined and be regarded not as carcinogenic by IARC. On the basis of the IP-346-tests, it was demonstrated that all of the oils contained in this product contain less than 3% of extractable substances.

SAFETY DATA SHEET according to Regulation EG 1907/2006

Printed: 16.10.2015 **Date Revision:** 26.09.2015 **Product:** EAP 130 Oil-Viscosity Stabilizer

12. Ecological information

12.1 Toxicity

Aquatic toxicity:

No other relevant information available.

12.2. Persistence and degradability

No other relevant information available.

Other information: the product is biologically difficult degradable.

12.3 Bio accumulative potential

No other relevant information available.

12.4 Mobility in soil

Eco toxicological effects:

Comment:

This material is not considered harmful to aquatic organisms. The product was not tested yet. The specification was derived from the properties of the individual components.

Further ecological information:

General notes:

Water hazard class 2 (self-assessment): hazardous for water.

Allow to enter not into the groundwater, water or drains.

Danger to drinking water if already low quantities in the underground leak.

12.5 results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 other adverse effects

No other relevant information available.

13 Disposal considerations

13.1. Procedures for waste management

Recommendation

Disposal in accordance with the local regulations.

Disposal of uncleaned packaging and recommended cleaning agents

Remains empty. Empty containers do not incinerate or edit with a cutting torch. Risk of explosion. Empty containers in an approved waste disposal plant feed for the purpose of recovery or disposal.

14 Transport information

14.1 UN number Classified as dangerous goods

14.2 UN proper shipping name Classified as dangerous goods

14.3 transport hazard classes Classified as dangerous goods

14.4 packaging group Classified as dangerous goods

14.5 environmental hazards Classified as dangerous goods

14.6 special precautions for user No dangerous goods in the meaning of transport regulations.

14.7 transport in bulk according to annex II of the MARPOL Convention 73/78 and the IBC Code

Not applicable to product delivery.

14.7 transport in bulk according to annex II of the MARPOL Convention 73/78 and the IBC Code

IMDG: eliminates

SAFETY DATA SHEET according to Regulation EG 1907/2006

Printed: 16.10.2015 **Date Revision:** 26.09.2015 **Product:** EAP 130 Oil-Viscosity Stabilizer

15 Regulatory information

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

National regulations:

Water hazard class: Water hazard class 2 (self-assessment): hazardous for water.

Classification according to operational safety Ordinance

Germany (BetrSichV).

15.2. Chemical safety assessment

No data are available for this product.

16. Other information

Full text of the warnings in section 2 and 3.

H304 May be fatal if swallowed and enters Airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation

H361 Can probably affect fertility or harm the child in the womb.

H400 Very toxic to aquatic organisms

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

More information.

The information contained in this safety data sheet based on the State of our knowledge at the time of the revision, and serve to describe our products in terms of safety precautions to be taken. They represent no assurance of characteristics of the described product and any product information or product specification and shall establish a contractual relationship. The information contained in the safety data sheet are not transferable to other products. As far as in this safety data sheet called product with other materials is blended, mixed or processed, or undergoes a transcription, the information in this safety data sheet, unless it expressly otherwise stated, not on the new material can be transferred.

This safety data sheet contains only security-related information and replaces any product information or product specification.