

## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 16.12.2020 (GB) Version 1.3

EAP 410 KÜHLERDICHTUNG

003744



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

#### 1.1. Product identifier

Name of product

EAP 410 KÜHLERDICHTUNG  
Art-Nr 003744

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

Identified uses

Product categories [PC]

PCO - Other

#### 1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

EUROLUB GmbH  
Freisingerstraße 25-27, D-85386 Eching b. München  
Phone +49 8165 9591-0, Fax +49 8165 9591-210  
E-Mail info@eurolub.com  
Internet www.eurolub.com

#### 1.4. Emergency telephone number

Emergency advice

Phone +49 8165 9591-0  
This number is only available at office times.

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### 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]

#### Precautionary Statements

##### General

P102 Keep out of reach of children.

#### 2.3. Other hazards

##### Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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### SECTION 3: Composition/ information on ingredients

#### 3.1. Substances

not applicable

#### 3.2. Mixtures

Hazardous ingredients

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### Hazardous ingredients (continued)

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
107-21-1	203-473-3	ethanediol	< 5	Acute Tox. 4, H302

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the event of persistent symptoms receive medical treatment.

#### In case of inhalation

In case of inhalation remove the casualty into fresh air and seek medical advice.

#### In case of skin contact

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

#### 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.

If swallowed seek medical advice immediately and show the doctor packing or label.

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

#### Physician's information / possible symptoms

No information available.

#### Physician's information / possible dangers

No data available

### 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 spray jet

#### Unsuitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

In fires, hazardous combustion gases are formed:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

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### Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.

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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Ensure adequate ventilation.

Use personal protective clothing.

#### For emergency responders

Use personal protective clothing.

### 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

Take up with absorbent material (e.g. oil binder).

After taking up the material dispose according to regulation.

#### Additional Information

Informations for disposal see chapter 13.

### 6.4. Reference to other sections

Personal protection equipment: see section 8

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

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

#### General protective measures

Avoid explosion - before application obtain special instructions.

#### Hygiene measures

Clean skin thoroughly after working.

At work do not eat, drink and smoke.

Remove soaked clothing immediately.

#### Advice on protection against fire and explosion

The product is combustible.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Advice on storage compatibility

No information available.

#### Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

**Storage group** 12

**Fire class** B

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**7.3. Specific end use(s)**  
**Recommendation(s) for intended use**  
See section 1.2

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2004/37/EC, 2006/15/EC or 2009/161/EU)

CAS No	Name	Code	[mg/m <sup>3</sup> ]	[ppm]	Remark
107-21-1	ethanediol	8 hours Short-term	52 104	20 40	skin

#### 8.2. Exposure controls

##### Respiratory protection

no

##### Hand protection

Gloves (oil-resistant)

##### Eye protection

safety goggles with side protection

##### Other protection measures

Oil-resistant protective clothing

##### Limitation and surveillance of the environment

Further information: see exposure scenarios attached to this safety data sheet.

##### Appropriate engineering controls

No information available.

### SECTION 9: Physical and chemical properties

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

##### Appearance

liquid

##### Colour

white

##### Odour

characteristic

##### Odour threshold

not determined

#### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value</b>	No data available				
<b>Boiling temperature / boiling range</b>	not determined				
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	> 100 °C				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				

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	Value	Temperature	at	Method	Remark
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>	not determined				
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	1,05 g/cm <sup>3</sup>	15 °C		DIN 51757	
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>	not determined				
<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 kinematic</b>	130 mm <sup>2</sup> /s	40 °C			
<b>Oxidising properties</b>	No information available.				
<b>Explosive properties</b>	No information available.				
<b>9.2. Other information</b>	No information available.				

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

No information available.

#### 10.3. Possibility of hazardous reactions

Reactions with oxidising agents.

#### 10.4. Conditions to avoid

No information available.

#### 10.5. Incompatible materials

##### Substances to avoid

No information available.

#### 10.6. Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 2000 mg/kg	rat	OECD 420	
<b>LD50 acute dermal</b>	> 2000 mg/kg	rabbit	OECD 402	
<b>LC50 acute inhalation</b>	> 5,53 mg/l (4 h)	rat	OECD 403	
<b>Skin irritation</b>		not determined		
<b>Eye irritation</b>		not determined		
<b>Skin sensitization</b>		not determined		
<b>Sensitization respiratory system</b>		not determined		

#### Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
<b>Subacute Toxicity</b>	not determined			
<b>Subchronic Toxicity</b>	not determined			
<b>Chronic Toxicity</b>	not determined			
<b>Mutagenicity</b>	not determined			
<b>Reproduction-Toxicity</b>	not determined			
<b>Carcinogenicity</b>	not determined			
<b>Specific target organ toxicity (single exposure)</b>	not determined			
<b>Specific target organ toxicity (repeated exposure)</b>	not determined			
<b>Aspiration hazard</b>	not determined			

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

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	Value	Species	Method	Validation
<b>Fish</b>	LC50 > 3,2 mg/l			
<b>Daphnia</b>	EC50 > 1000 mg/l			
<b>Algae</b>	EC50 > 10 mg/l (72 h)			

### 12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>			No information available.	
<b>Biological degradability</b>			No information available.	

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste code No.**

13 02 04\*

**Name of waste**

mineral-based chlorinated engine, gear and lubricating oils

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

### Recommendations for the product

Remove in accordance with local official regulations.

### Recommendations for packaging

Totally emptied packaging may be taken for recycling.

## SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	-	-	-
<b>14.2. UN proper shipping name</b>	-	-	-
<b>14.3. Transport hazard class(es)</b>	-	-	-
<b>14.4. Packing group</b>	-	-	-
<b>14.5. Environmental hazards</b>	-	-	-

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### 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 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 the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

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## SECTION 15: Regulatory information

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

#### VOC standard

VOC content =0 %

VOC value 0 g/L

#### National regulations

Water hazard class 2 self-classification

Decree for case of interference/  
remarks Accident decree, addendum II: not named.

### 15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

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## SECTION 16: Other information

### Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.2

H302 Harmful if swallowed.