

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.01.2025

Version number 308 (replaces version 307)

Revision: 30.01.2025

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

- **1.1 Product identifier** 600172
- **Trade name:** High-performance cooling lubricant concentrate
- **Article number:** 4317784348904, 4317784015356, 4317784564717, 4317784564724
- **UFI:** 6R90-PG50-D20Q-12QU
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**
  - SU21 Consumer uses: Private households / general public / consumers
  - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Application of the substance / the mixture** Coolant/ Cutting solution
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
  - E/D/E - Einkaufsbuero Deutscher Eisenhaendler GmbH
  - EDE Platz 1
  - D-42389 Wuppertal
  - Germany

Tel. +49 202 6096-0  
e-mail: [sdb@ede.de](mailto:sdb@ede.de)
- **Further information obtainable from:** Product safety department
- **1.4 Emergency telephone number:**
  - Poison Control Center Mainz - 24 hour emergency service – 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**
    - Eye Dam. 1            H318 Causes serious eye damage.
    - Skin Sens. 1           H317 May cause an allergic skin reaction.
    - Aquatic Chronic 3    H412 Harmful to aquatic life with long lasting effects.
- 
- **2.2 Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008**
    - The product is classified and labelled according to the CLP regulation.

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**· Hazard pictograms**

GHS05 GHS07

**· Signal word** Danger**· Hazard-determining components of labelling:**

2-Amino-2-ethyl-1,3-propanediol  
polysulfides, di-tert-dodecyl  
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl), ethoxylated  
1,2-benzisothiazol-3(2H)-one

**· Hazard statements**

H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.

**· Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P273 Avoid release to the environment.  
P280 Wear protective gloves / eye protection / face protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P321 Specific treatment (see on this label).  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**· Additional information:**

Use biocidal products with care. Always read the label and product information before use.  
Contains biocidal products: pyridine-2-thiol 1-oxide, sodium salt

**· 2.3 Other hazards****· Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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#### \* SECTION 3: Composition/information on ingredients

##### · 3.2 Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

##### · **Dangerous components:**

|                                                                                                    |                                                                                                                                                                                                                                                                                                                                       |          |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| CAS: 64742-53-6<br>EINECS: 265-156-6<br>Index number: 649-466-00-2<br>Reg.nr.: 01-2119480375-34    | baseoil - unspecified<br>⚠ Asp. Tox. 1, H304                                                                                                                                                                                                                                                                                          | 50-100%  |
| CAS: 68920-66-1<br>Reg.nr.: 01-2119489407-26                                                       | Fettalkohol, ethoxyliert<br>⚠ Aquatic Chronic 2, H411<br>⚠ Skin Irrit. 2, H315                                                                                                                                                                                                                                                        | 2.5-10%  |
| CAS: 115-70-8<br>Reg.nr.: 01-2119958191-37                                                         | 2-Amino-2-ethyl-1,3-propanediol<br>⚠ Eye Dam. 1, H318                                                                                                                                                                                                                                                                                 | >1-<2.5% |
| CAS: 112-34-5<br>EINECS: 203-961-6<br>Index number: 603-096-00-8<br>Reg.nr.: 01-2119475104-44-0000 | 2-(2-butoxyethoxy)ethanol<br>⚠ Eye Irrit. 2, H319                                                                                                                                                                                                                                                                                     | >0-<2.5% |
| CAS: 157707-44-3<br>Polymer                                                                        | Amides, C12-18 and C18-unsatd., N-(hydroxyethyl),<br>ethoxylated<br>⚠ Eye Dam. 1, H318                                                                                                                                                                                                                                                | >1-<2.5% |
| CAS: 68425-15-0<br>EINECS: 270-335-7                                                               | polysulfides, di-tert-dodecyl<br>⚠ Skin Sens. 1B, H317                                                                                                                                                                                                                                                                                | >1-<2.5% |
| CAS: 2634-33-5<br>EINECS: 220-120-9<br>Index number: 613-088-00-6                                  | 1,2-benzisothiazol-3(2H)-one<br>⚠ Acute Tox. 2, H330<br>⚠ Eye Dam. 1, H318<br>⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410<br>⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A,<br>H317<br>ATE: LD50 oral: 450 mg/kg<br>LC50/4h inhalative: 0.21 ppm<br>Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.036<br>% | <0.1%    |
| CAS: 3811-73-2<br>EINECS: 223-296-5                                                                | Pyrrithione sodium (INNEM)<br>⚠ Acute Tox. 3, H311; Acute Tox. 3, H331<br>⚠ STOT RE 1, H372<br>⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 2, H411<br>⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319;<br>Skin Sens. 1, H317                                                                                       | <0.1%    |

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

· **General information:** Personal protection for the First Aider.

· **After inhalation:**

Supply fresh air.

Seek medical treatment in case of complaints.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

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

No further relevant information available.

#### · 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### SECTION 5: Firefighting measures

#### · 5.1 Extinguishing media

· **Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fire with alcohol resistant foam.

· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

#### · 5.3 Advice for firefighters

· **Protective equipment:** Wear self-contained respiratory protective device.

### SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures** Not required.

· **6.2 Environmental precautions:** No special measures required.

#### · 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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**· 6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage****· 7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.**· Information about fire - and explosion protection:** No special measures required.**· 7.2 Conditions for safe storage, including any incompatibilities****· Storage:****· Requirements to be met by storerooms and receptacles:**

Store in a cool and dry place.

Store in a cool location.

**· Information about storage in one common storage facility:** Not required.**· Further information about storage conditions:** Store receptacle in a well ventilated area.**· 7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****· 8.1 Control parameters****· Ingredients with limit values that require monitoring at the workplace:****CAS: 112-34-5 2-(2-butoxyethoxy)ethanol**IOELV Short-term value: 101.2 mg/m<sup>3</sup>, 15 ppmLong-term value: 67.5 mg/m<sup>3</sup>, 10 ppm**· DNELs****CAS: 68920-66-1 Fettalkohol, ethoxyliert**

Dermal DNEL (worker) 2,080 mg/kg bw/day (professional use)

Inhalative Long term value for employees 294 mg/m<sup>3</sup> (professional use)**CAS: 112-34-5 2-(2-butoxyethoxy)ethanol**

Oral DNEL (population) 1.25 mg/kg bw/day (cus)

Dermal DNEL (worker) 20 mg/kg bw/day (professional use)

DNEL (population) 10 mg/kg bw/day (cus)

Inhalative Long term value for employees 34 mg/m<sup>3</sup> (cus)67.5 mg/m<sup>3</sup> (professional use)DNEL (worker) 67.5 mg/m<sup>3</sup> (professional use)DNEL (population) 34 mg/m<sup>3</sup> (cus)

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**· PNECs****CAS: 112-34-5 2-(2-butoxyethoxy)ethanol**

PNEC-Aquatic compartment Water 0.1 mg/L (Sea Water)

PNEC-Sewage treatment plant 200 mg/L (S)

**· Additional information:** The lists valid during the making were used as basis.**· 8.2 Exposure controls****· Appropriate engineering controls** No further data; see section 7.**· Individual protection measures, such as personal protective equipment****· General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

**· Hand protection**

Protective gloves

**· Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.4$  mm**· Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**· Eye/face protection**

Tightly sealed goggles

**· Body protection:** Protective work clothing**\* SECTION 9: Physical and chemical properties****· 9.1 Information on basic physical and chemical properties****· General Information****· Colour:**

According to product specification

**· Odour:**

Characteristic

**· Odour threshold:**

Not determined.

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|                                                                                 |                                                                                             |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| · Melting point/freezing point:                                                 | Undetermined.                                                                               |
| · Boiling point or initial boiling point and boiling range                      | Undetermined.                                                                               |
| · Flammability                                                                  | Not applicable.                                                                             |
| · Lower and upper explosion limit                                               |                                                                                             |
| · Lower:                                                                        | Not determined.                                                                             |
| · Upper:                                                                        | Not determined.                                                                             |
| · Flash point:                                                                  | Not applicable.                                                                             |
| · Decomposition temperature:                                                    | Not determined.                                                                             |
| · pH at 20 °C                                                                   | 9                                                                                           |
| · Viscosity:                                                                    |                                                                                             |
| · Kinematic viscosity at 40 °C                                                  | 45 mm <sup>2</sup> /s                                                                       |
| · Kinematic: 23 °C - 4 mm (ISO 2431)                                            |                                                                                             |
| · Dynamic:                                                                      | Not determined.                                                                             |
| · Solubility                                                                    |                                                                                             |
| · water:                                                                        | Not miscible or difficult to mix.                                                           |
| · Partition coefficient n-octanol/water (log value)                             | Not determined.                                                                             |
| · Vapour pressure at 20 °C:                                                     | 0.1 hPa                                                                                     |
| · Density and/or relative density                                               |                                                                                             |
| · Density:                                                                      | Not determined.                                                                             |
| · Relative density                                                              | Not determined.                                                                             |
| · Vapour density                                                                | Not determined.                                                                             |
| · 9.2 Other information                                                         |                                                                                             |
| · Appearance:                                                                   |                                                                                             |
| · Form:                                                                         | Fluid                                                                                       |
| · Important information on protection of health and environment, and on safety. |                                                                                             |
| · Ignition temperature:                                                         | Product is not selfigniting.                                                                |
| · Explosive properties:                                                         | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| · Solvent separation test:                                                      |                                                                                             |
| · VOC (EC) %                                                                    | 1-1.52 %                                                                                    |
| · VOC (EC) g/l                                                                  | 9.1-13.9 g/l                                                                                |
| · Change in condition                                                           |                                                                                             |
| · Drip point:                                                                   |                                                                                             |
| · Oxidising properties                                                          | Not determined.                                                                             |
| · Evaporation rate                                                              | Not determined.                                                                             |
| · Information with regard to physical hazard classes                            |                                                                                             |
| · Explosives                                                                    | Void                                                                                        |
| · Flammable gases                                                               | Void                                                                                        |
| · Aerosols                                                                      | Void                                                                                        |
| · Oxidising gases                                                               | Void                                                                                        |
| · Gases under pressure                                                          | Void                                                                                        |
| · Flammable liquids                                                             | Void                                                                                        |
| · Flammable solids                                                              | Void                                                                                        |
| · Self-reactive substances and mixtures                                         | Void                                                                                        |
| · Pyrophoric liquids                                                            | Void                                                                                        |
| · Pyrophoric solids                                                             | Void                                                                                        |

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- Self-heating substances and mixtures Void
- Substances and mixtures, which emit flammable gases in contact with water Void
- Oxidising liquids Void
- Oxidising solids Void
- Organic peroxides Void
- Corrosive to metals Void
- Desensitised explosives Void

#### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

#### \* SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

##### · LD/LC50 values relevant for classification:

###### CAS: 64742-53-6 baseoil - unspecified

|        |      |                   |
|--------|------|-------------------|
| Oral   | LD50 | 5,000 mg/kg (rat) |
| Dermal | LD50 | 5,000 mg/kg (rat) |

###### CAS: 68920-66-1 Fettalkohol, ethoxyliert

|            |         |                              |
|------------|---------|------------------------------|
| Oral       | LD50    | >2,000 mg/kg (rat)           |
| Dermal     | LD50    | >2,000 mg/kg (rabbit)        |
| Inhalative | LC50/6h | >100 mg/m <sup>3</sup> (rat) |

###### CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

|        |      |                      |
|--------|------|----------------------|
| Oral   | LD50 | 4,900 mg/kg (rat)    |
| Dermal | LD50 | 4,900 mg/kg (rabbit) |

###### CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one

|            |         |                 |
|------------|---------|-----------------|
| Oral       | LD50    | 450 mg/kg (ATE) |
| Inhalative | LC50/4h | 0.21 ppm (ATE)  |

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- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Causes serious eye damage.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

#### · **Endocrine disrupting properties**

None of the ingredients is listed.

## SECTION 12: Ecological information

### · **12.1 Toxicity**

#### · **Aquatic toxicity:**

##### **CAS: 64742-53-6 baseoil - unspecified**

|            |                             |
|------------|-----------------------------|
| EC50 (21d) | 10 mg/L (Daphnia magna)     |
| EC50 (48h) | >5,000 mg/L (Daphnia magna) |
| NOEC (21d) | 10 mg/l (Daphnia magna)     |

##### **CAS: 68920-66-1 Fettalkohol, ethoxyliert**

|                 |                                     |
|-----------------|-------------------------------------|
| LC50 (96h)      | 108 mg/L (Brachydanio rerio)        |
| EL50 akut (48h) | 51 mg/l (Daphnia magna)             |
| EL50 akut (72h) | >100 mg/l (Desmodesmus subspicatus) |
| NOEC (10d)      | 0.16 mg/l (Lepomis macrochirus)     |

##### **CAS: 112-34-5 2-(2-butoxyethoxy)ethanol**

|            |                 |                                     |
|------------|-----------------|-------------------------------------|
| Inhalative | LC50            | >100 mg/L (crustacean)              |
|            | LC50 akut (96h) | 1,300 mg/L (Lepomis macrochirus)    |
|            | LC50 akut       | >100 mg/L (Brachydanio rerio)       |
|            | EC50            | >100 mg/l (Desmodesmus subspicatus) |

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.

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- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** Not hazardous for water.

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**SECTION 13: Disposal considerations**

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- **13.1 Waste treatment methods:**  
Containers can be recycled if completely empty; if not, dispose product/containers as dangerous waste.  
Observe local regulations.

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**SECTION 14: Transport information**

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- |                                                                       |                 |
|-----------------------------------------------------------------------|-----------------|
| · <b>14.1 UN number or ID number</b>                                  |                 |
| · <b>ADR, IMDG, IATA</b>                                              | Void            |
|                                                                       |                 |
| · <b>14.2 UN proper shipping name</b>                                 |                 |
| · <b>ADR, IMDG, IATA</b>                                              | Void            |
|                                                                       |                 |
| · <b>14.3 Transport hazard class(es)</b>                              |                 |
| · <b>ADR, ADN, IMDG, IATA</b>                                         |                 |
| · <b>Class</b>                                                        | Void            |
|                                                                       |                 |
| · <b>14.4 Packing group</b>                                           |                 |
| · <b>ADR, IMDG, IATA</b>                                              | Void            |
|                                                                       |                 |
| · <b>14.5 Environmental hazards:</b>                                  | Not applicable. |
|                                                                       |                 |
| · <b>14.6 Special precautions for user</b>                            | Not applicable. |
|                                                                       |                 |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>                                       | Void            |

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### \* SECTION 15: Regulatory information

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

- **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms**



GHS05 GHS07

- **Signal word** Danger

- **Hazard-determining components of labelling:**

2-Amino-2-ethyl-1,3-propanediol  
polysulfides, di-tert-dodecyl  
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl), ethoxylated  
1,2-benzisothiazol-3(2H)-one

- **Hazard statements**

H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.

- **Precautionary statements**

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P101           | If medical advice is needed, have product container or label at hand.                                                            |
| P102           | Keep out of reach of children.                                                                                                   |
| P261           | Avoid breathing dust/fume/gas/mist/vapours/spray.                                                                                |
| P273           | Avoid release to the environment.                                                                                                |
| P280           | Wear protective gloves / eye protection / face protection.                                                                       |
| P302+P352      | IF ON SKIN: Wash with plenty of water.                                                                                           |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310           | Immediately call a POISON CENTER/doctor.                                                                                         |
| P321           | Specific treatment (see on this label).                                                                                          |
| P362+P364      | Take off contaminated clothing and wash it before reuse.                                                                         |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.                                                                 |
| P501           | Dispose of contents/container in accordance with local/regional/national/international regulations.                              |

- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

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**· Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**· Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**· National regulations:****· Verordnung (EU) Nr. 528/2012 - Verwendung von Biozidprodukten** applicable**· Information about limitation of use:**

Employment restrictions concerning pregnant and lactating women must be observed.

**· Exposure scenario(s)**Exposure scenario(s) of ingredients (if present) are available on request at:  
sdb@ede.de**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Relevant phrases**

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H331 Toxic if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

**· Contact:** sdb@ede.de**· Date of previous version:** 18.10.2021**· Version number of previous version:** 307**· Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

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## Safety data sheet

### according to Regulation (EC) No 1907/2006, Article 31

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**Trade name: High-performance cooling lubricant concentrate**

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PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 2: Acute toxicity – Category 2

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Skin Sens. 1B: Skin sensitisation – Category 1B

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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**\* Data compared to the previous version altered.**

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