

SAFETY DATA SHEET



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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

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1.3 Details of the supplier of the safety data sheet

Supplier:

ALFA LAVAL Tumba AB

Manufacture:

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

Hans Stahles väg
SE-147 80 Tumba
Sweden
Tel: +46 8 53 06 50 00
Fax: + 46 8 53 06 52 59

Area of use: Lubricant

e-mail: sds.question@alfalaval.com

1.4 Emergency telephone number: Dial in case of emergency poisoning and ask for Poison Information both day and night. Dial + 46 (0) 8-331231 if you have other questions concerning acute poisonings mon-fri 9.00-17.00

2. Hazards identification

2.1 Classification of the substance or mixture

This product is not classified as hazardous according to current regulations.

2.2 Label elements

This product is not labelled.

2.3 Other hazards

No information.

3. Composition/information on ingredients

3.2 Mixtures

Declaration of the constituents according to CLP 1272/2008/EC

No hazardous ingredients.

4. First aid measures

4.1 Description of first aid measures

General recommendations

Consult a physician. Show this safety data sheet to a physician.

First aid – eye contact

Check for and remove any contact lenses. Flush eyes for at least 5 minutes. Get medical attention if irritation occurs.

First aid- skin contact

Wash with soap and water. Get medical attention if irritation develops.

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| First aid- ingestion | Do not induce vomiting. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Have conscious person drink several glasses of water or milk. |
| First aid- inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| 4.2 Most important symptoms and effects, both acute and delayed | No information. |
| 4.3 Indication of any immediate medical attention and special treatment needed | No specific treatment. Treat symptomatically. |

5. Firefighting measures

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| 5.1 Extinguishing media | Small fires: use dry chemical powder. |
| a) Suitable extinguishing media | Large fires: use water spray, fog or foam. |
| b) Unsuitable extinguishing media | Do not use water jet. |
| 5.2 Special hazards arising from the substance or mixture | Products of combustion: Carbon oxides (CO, CO ₂). Thermal decomposition products are dependent on temperature conditions. Container explosion may occur under fire conditions or when heated. Cool closed container exposed to fire with water. May be combustible at high temperatures. |
| 5.3 Advice for firefighters | Fire fighters should wear positive pressure self-contained breathing apparatus for fires in enclosed areas. |

6. Accidental release measures

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| 6.1 Personal precautions, protective equipment and emergency procedures | No information. |
| 6.2 Environmental precautions | No information. |
| 6.3 Methods and material for containment and cleaning up | Absorb with an inert material and put the spilled material in an appropriate waste disposal. |
| a) Small spills | |
| b) Large spills | Absorb with an inert material and put the spilled material in an appropriate waste disposal. Do not allow any potentially contaminated water including rainwater, runoff from fire fighting or spills to enter any waterway, sewer or drain. |
| 6.4 Reference to other sections | Personal protection, see section 8. Disposal, see section 13. |

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7. Handling and storage

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| 7.1 Precautions for safe handling | Avoid breathing vapours or spray mists. After handling, always wash hands thoroughly with soap and water. Avoid contact with eyes, skin and clothing. Use with adequate ventilation. |
| 7.2 Conditions for safe storage, including any incompatibilities | Keep container tightly closed. Store in a dry, cool and well ventilated area. |
| 7.3 Specific end use | No information. |

8. Exposure controls/personal protection

8.1 Control parameters

No occupational exposure limits.

8.2 Exposure controls

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| Appropriate engineering controls | Good general ventilation. Ensure that eyewash stations and safety showers are proximal to the workstation on location. |
| Eye/face protection | Safety glasses. |
| Hand protection | Chemical resistant gloves. |
| Respiratory protection | Normally not needed. |
| Other protection | Lab coat. |
| Environmental exposure controls | See section 6. |
| Personal protection in case of a large spill | Full suit. Boots, chemical resistant gloves and splash goggles. A self-contained breathing apparatus. |

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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

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| Appearance | Liquid |
| Odour | Mild |
| Odour threshold | No information |
| pH (X °C) | No information |
| Melting point/freezing point | No information |
| Initial boiling point and boiling range | No information |
| Flash point | Open cup: 212.78 °C (415 °F) (Cleveland). |
| Evaporation rate | No information |
| Flammability (solid, gas) | No information |
| Upper/lower flammability or explosive limits | No information |
| Vapour pressure | No information |
| Vapour density | >1 (Air = 1) |
| Relative density | No information |
| Solubility(ies) | Slightly soluble in water. |
| Partition coefficient: n-octanol/water | No information |
| Auto-ignition temperature | No information |
| Decomposition temperature | No information |
| Viscosity | No information |
| Explosive properties | No information |
| Oxidising properties | No information |
| 9.2 Other information | Density: 0.86 (Water = 1). |

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10. Stability and reactivity

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|---|------------------------|
| 10.1 Reactivity | No information |
| 10.2 Chemical stability | The product is stable. |
| 10.3 Possibility of hazardous reactions | No information |
| 10.4 Conditions to avoid | No information |
| 10.5 Incompatible materials | Oxidizing agents. |
| 10.6 Hazardous decomposition products | Will not occur. |

11. Toxicological information

11.1 Information on toxicological effects

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|----------------------------|---|
| Acute toxicity | No information |
| Irritation | Non-irritant for skin. Non-irritating for the eyes. |
| Corrosivity | No information |
| Sensitisation | Non-sensitize for skin. |
| Repeated dose toxicity | No information |
| Carcinogenicity | No information |
| Mutagenicity | No information |
| Toxicity for reproduction. | No information |

12. Ecological information

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| 12.1 Toxicity | No hazardous ingredient. No information available for the product. |
| 12.2 Persistence and degradability | No information |
| 12.3 Bioaccumulative potential | No information |
| 12.4 Mobility in soil | No information |
| 12.5 Results of PBT and vPvB assessment | No information |
| 12.6 Other adverse effects | No information |

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13. Disposal considerations

13.1 Waste treatment methods

Dispose of in accordance with local regulations. Waste product should not be allowed to contaminate soil or water, or released into the environment.

EWC code:

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

14. Transport information

| | ADR/RID-S | IMDG | IATA |
|--|------------------------------------|------------------------------------|------------------------------------|
| 14.1 UN number | Not classified as dangerous goods. | Not classified as dangerous goods. | Not classified as dangerous goods. |
| 14.2 UN proper shipping name | Not relevant. | Not relevant. | Not relevant. |
| 14.3 Transport hazard class(es) | Not relevant. | Not relevant. | Not relevant. |
| 14.4 Packing group | Not relevant. | Not relevant. | Not relevant. |
| 14.5 Environmental hazards | Not relevant. | Not relevant. | Not relevant. |
| 14.6 Special precautions for user | Not relevant. | Not relevant. | Not relevant. |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not relevant. | Not relevant. | Not relevant. |

15. Regulatory information

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

No information.

15.2 Chemical safety assessment

No.

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16. Other information

Important changes have been made in section General update according to EU 453/2010.

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