

Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 09 June 2020

Revision: 04 August 2015

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1 Identification of the substance/preparation and of the company/undertaking

Trade name: **linelube Hydraulic Oil 10W**

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

- Use of the substance/mixture: Hydraulic Oil
- Use advised against: Do not use in any other application

Supplier:

Online Lubricants Ltd.
Unit 20, The IO Centre, Barking, London IG11 0DR
UK Tel. +44 (0) 208 507 0123

In case of emergency: **+44 (0) 208 507 0123**

2 Composition / Information on ingredients

2.1 Mixtures

- Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics.
CAS Number: N/A
EC Number: 934-956-3
REACH Registration Number: 01-2119827000-58-xxxx
Concentration: 18-28%
R/H Phrases: Not Applicable
- Lubricating oils; Base oil - unspecified
CAS Number: 74869-22-0
EC Number: 278-012-2
REACH Registration Number: Not Available.
Concentration: 70-80%
R/H Phrases: H350, R45

3 Hazards identification

3.1 Classification of the substance or mixture

- CLP: Classification (EC 1272/2008) Asp. Tox. 1 - H304
- CHIP: Classification (67/548/EEC) Xn;R65.

3.2 Label elements

- Hazard phrases
H304 - May be fatal if swallowed and enters airways.
- Precautionary Phrases
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 - Do NOT induce vomiting.



3.3 Other hazards

- A petroleum product. DMSO extract < 3 Weight % (IP 346). The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346. This note applies only to certain complex oil derived substances. (1272/2008/EC ("CLP"), Annex VI, Note L)

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4. First-aid measures

4.1 Description of first aid measures

- **Inhalation:** Move into fresh air and keep at rest. Get medical attention if any discomfort continues.
- **Contact with eyes** Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
- **Contact with skin:** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
- **Ingestion:** DO NOT induce vomiting. Get medical attention immediately. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention immediately!

4.2 Most important symptoms and effects, both acute and delayed:

- **Ingestion:** The product may enter the lungs due to its low viscosity, and lead to the rapid development of very serious inhalation pulmonary lesions (medical survey during 48 hours). May cause discomfort if swallowed. Nausea, vomiting. Diarrhoea.
- **Skin contact:** Prolonged contact may cause redness, irritation and dry skin.
- **Inhalation:** Vapours inhaled in high concentrations have a narcotic effect on the central nervous system. Irritation of nose, throat and airway.
- **Eye contact:** Irritation, burning, lachrymation, blurred vision after liquid splash.

4.3 Indication of any immediate medical attention and special treatment needed:

- Treat symptomatically

5. Fire Fighting Measures

5.1 Extinguishing media

- Use an extinguishing agent suitable for the surrounding fire. Carbon oxides. Sand.

5.2 Special hazards arising from the substance or mixture

- Burning produces irritating, toxic and obnoxious fumes. Do not allow runoff water to enter sewers or drains.

5.3 Advice for firefighters

- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots, and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
- Do not use water Jet

6. Accidental Release Measures

6.1 Personal precautions - protective equipment and emergency procedures - Provide adequate ventilation. Do not smoke, use open fire or other sources of ignition. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2 Environmental Precautions - Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

6.3 Methods and material for containment and cleaning up - Absorb spillage in suitable inert material - Place in appropriate container - Seal containers and label them - Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections - For personal protection, see section 8. For waste disposal, see section 13.

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7 Handling and Storage

7.1 Precautions for safe handling

- Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Temperature: 0 - 50 °C.

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from: Oxidising material. Acids. Suitable containers: mild steel, stainless steel. Use only containers, joints, pipes and seals that are resistant to hydrocarbons.

8 Exposure controls/personal protection

8.1 Control parameters

- Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics. TWA - 8 Hrs - 5 mg/m³ STEL - 15 Min - 10 mg/m³ - Lubricating oils; Baseoil - unspecified WEL 8-hr limit ppm: WEL 8-hr limit mg/m³: 5 WEL 15 min limit ppm: WEL 15 min limit mg/m³: 10
8.2 Exposure controls - Chemical resistant gloves (PVC). - Ensure adequate ventilation of the working area. - Wear approved safety goggles. - Wear Suitable respiratory equipment.

9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, amber - Odour: Mild - Freezing point/Range: < -20 °C - Boiling Point/Range: >150 °C - Flashpoint: 180°C - Oxidising Properties: Not considered oxidising - Explosive Properties: Considered stable under normal conditions - Autoignition Temperature > 320 °C - Density: 0.875 - 0.91 - Solubility in water: Insoluble in water

9.2 Other information

- The figures in this section are for guidance only please always use them in conjunction with the technical data sheet.

10 Stability and Reactivity

10.1 Reactivity - Stable under normal temperature conditions and recommended use.

10.2 Chemical stability - Considered stable under normal conditions

10.3 Possibility of hazardous reactions - Do not mix with other products.

10.4 Conditions to avoid - Store at temperatures between 0 °C and 50 °C.

10.5 Incompatible materials - Incompatible with strong oxidizing substances

10.6 Hazardous Decomposition Products - Combustion or thermal decomposition could liberate carbon oxides and other toxic gases or vapours.

11 Toxicological Information

11.1 Information on toxicological effects

Lubricating oils; Base oil - unspecified:

Inhalation Rat LC50/30min: >5.53

Dermal Rat LD50: >2000

Oral Rat LD50: >5000

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Acute Toxicity (Oral LD50) > 5000 mg/kg Rat
Acute Toxicity (Dermal LD50) > 3160 mg/kg Rabbit
Acute Toxicity (Inhalation LC50) > 5266 Rat 4 hours

GENERAL INFORMATION

This product has low toxicity. Only large volumes may have adverse impact on human health.

Skin corrosion/irritation: May cause irritation by skin contact.

Serious eye damage/irritation: May cause temporary eye irritation.

Respiratory or skin sensitisation: Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.

Repeated or prolonged exposure: Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.

12 Ecological Information

12.1 Toxicity

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

12.2 Persistence and degradability

- The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.3 Bioaccumulation Potential - Bioaccumulation is unlikely to be significant due to the low water solubility of this product.

12.4 Mobility in soil - The product is not volatile. The product is insoluble in water and will spread on the water surface.

12.5 Results of PBT and vPvB assessment - Not applicable.

12.6 Other Adverse Effects - May cause long-term adverse effects in the environment.

13 Disposal Considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Waste Code: 13 XX XX OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19) Code given as a guidance only it could vary from different products and the way they were used.
- We recycle 205L and 1000L packaging.

14 Transport Information

14.1 UN Number - UN No.: Not applicable

14.2 UN Proper Shipping Name - Proper Shipping Name: Not applicable

14.3 Transport hazard class(es) - Hazard Class: Not applicable

14.4 Packing group - Packing Group: Not applicable

14.5 Environmental hazards - Not Classified

14.6 Special precautions for user - Not Classified

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code - Not Classified

15 Regulatory Information

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

- Refer to current Health and Safety at Work Act
- Supply regulations: DPD: Dangerous Preparations Directive; GHS: Globally Harmonised System of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations. Transport regulations: CDG:

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Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations - We recycle 205L and 1000L packaging. 15.2 Chemical Safety Assessment - A chemical safety assessment (CSA) for this product has not yet been completed

16 Other Information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

H350: May cause cancer. R45: May cause cancer.