

# Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 09 June 2020

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

Trade name: **linelube Engine Oil UHPD 15W-40 E9**

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

- Use of the substance/mixture: Vehicle engine 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 Hazards identification

### 2.1 Classification of the substance or mixture

- CLP: Not classified as hazardous.
- CHIP: Not hazardous according to current CHIP Regulations

### 2.2 Label elements

- Hazard phrases None assigned - Precautionary Phrases None assigned

### 2.3 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)

## 3 Composition / Information on ingredients

### 3.1 Mixtures

- ZINC ALKYL DITHIOPHOSPHATE  
CAS Number:  
EC Number: 272-028-3  
REACH Registration Number: No Available  
Concentration: 0.5-1%  
R/H Phrases: Xi; R38-41 NR51/53
- Lubricating oils; Base oil  
CAS Number: 74869-22-0  
EC Number: 278-012-2  
REACH Registration Number: Not Available  
Concentration: 80-90%  
R/H Phrases: Not Applicable

## 4 First-aid measures

### 4.1 Description of first aid measures

- Inhalation
  - Do not breath Dust or Vapour. If inhaled and the vapour causes irritation to the nose or throat move the person to fresh air. If symptoms persist obtain medical attention.
- Contact with eyes
  - If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes

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- Irrigate eyes thoroughly whilst lifting eyelids
- When in doubt or symptoms persist, seek medical attention
- Contact with skin S27/28
  - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water. Seek medical attention if irritation persists
  - Ingestion If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

- Eye contact: There may be irritation and redness.
- Skin contact: Prolonged contact may cause redness, irritation and dry skin.

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

- Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
- Skin contact: Wash with soap and water.

## 5 Fire Fighting Measures

### 5.1 Extinguishing media

- Extinguish with foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.

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

- Dyke to prevent entry to sewer or waterway. Transfer liquid to a holding container
- In case of fire, do not breathe fumes

### 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.

## 6 Accidental Release Measures

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

- Wear protective clothing as per section 8

### 6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses - If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

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

- Absorb spillage in suitable inert material - Wipe, scrape or soak up in an inert material and put in a container for disposal. - Seal containers and label them

### 6.4 Reference to other sections - See Section 8

## 7 Handling and Storage

### 7.1 Precautions for safe handling

- Adopt best Manual Handling considerations when handling, carrying and dispensing. Temperature: 0- 50°C.

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

- Store in cool, well-ventilated area. Keep container tightly closed.

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7.3 Specific end use(s) - See Section 1

## 8 Exposure controls/personal protection

### 8.1 Control parameters

- Lubricating oils; Base oil - unspecified
- WEL (long term) 5 mg/m<sup>3</sup>
- Dermal Rat LD50: >20
- Oral Rat LD50: >50
- WEL (short term) 10 mg/m<sup>3</sup>

### 8.2 Exposure controls

- Chemical resistant gloves (PVC).
- Ensure adequate ventilation of the working area.
- Wear plastic gloves
- Wear protective clothing.

## 9 Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Liquid, amber
- Odour: Characteristic.
- Freezing point/Range: -31 °C
- Boiling Point/Range: 150C
- Flashpoint: 210 °C
- Oxidising Properties: Not considered oxidising
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature 300°C
- Density: 0.875 -0.91
- Viscosity: 145
- 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** - No hazardous reactions known if used for its intended purpose

**10.2 Chemical stability** - Considered stable under normal conditions

**10.3 Possibility of hazardous reactions** - No hazardous reactions known if used for its intended purpose

**10.4 Conditions to avoid** - P412 - Do not expose to temperatures exceeding 50°C/ 122°F.

**10.5 Incompatible materials** - Incompatible with strong oxidizing substances

**10.6 Hazardous Decomposition Products** - Decomposition products may include carbon oxides

## 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

## 12 Ecological Information

### 12.1 Toxicity

- Lubricating oils; Base oil - unspecified:
  - Daphnia EC50/48h: 101.0000 mg/l

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- Algae IC50/72h: 101.0000 mg/l
- Fish LC50/96h: 101.0000 mg/l
- 

**12.2 Persistence and degradability** - This substance is not readily biodegradable

**12.3 Bioaccumulation Potential** - Bioaccumulation is insignificant

**12.4 Mobility in soil** - Insoluble in water. Floats on water. Absorbed only slowly into soil.

**12.5 Results of PBT and vPvB assessment** - Not applicable.

**12.6 Other Adverse Effects** - May cause long-term adverse effects in the environment. Films formed on water may affect oxygen transfer and damage organisms.

## 13 Disposal Considerations

### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- EU Waste Disposal Code (EWC): 13 07 01 fuel oil and diesel. The number given to waste is associated with the appropriate usage. The user must decide if their particular use results require another waste code being assigned.
- We recycle 205L and 1000L packaging.

## 14 Transport Information

**14.1 UN Number** - UN No.: Not applicable

**14.2 UN Proper Shipping Name** 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

- 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: Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations

### 15.2 Chemical Safety Assessment

- A chemical safety assessment (CSA) for this product has not yet been completed

## 16 Other Information