

# 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 Engine Oil Synthetic 5W-30 C3**

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
- CHIP: Not hazardous according to current CHIP Regulations
- Signal Word: None Required.

### 2.2 Label elements

- Hazard phrases Not Classified
- 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:  
Concentration: 1-10%  
H Phrases: H315, H318, H411

#### - Lubricating oils (petroleum), Base oil - unspecified

CAS Number: 72623-87-1  
EC Number: 276-738-4  
REACH Registration Number: Not Available.  
Concentration: 90-100%  
H Phrases: Not Applicable

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## 4 First-aid measures

### 4.1 Description of first aid measures

- **Inhalation:** Do not breathe dust or vapour.
- **Contact with eyes:** Irritating to eyes.
- **Contact with skin:** Irritating to skin. Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
- **Ingestion:** Ingestion may cause nausea and vomiting.

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

- **Ingestion:** May cause discomfort if swallowed.
- **Skin contact:** Slightly irritating.
- **Eye contact:** May cause temporary eye irritation.

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

- **Eye contact:** Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
- **Skin contact:** Wash with soap and water.
- **Ingestion:** If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

## 5 Fire Fighting Measures

### 5.1 Extinguishing media

- Use an extinguishing agent suitable for the surrounding fire. Carbon oxides. Carbon dioxide (CO<sub>2</sub>). 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

- Wear protective clothing as per section 8

### 6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

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

- Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

### 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. - P202 - Do not handle until all safety precautions have been read and understood.

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## 7.2 Conditions for safe storage, including any incompatibilities

- Store in cool, well-ventilated area. Keep container tightly closed.
- P412 - Do not expose to temperatures exceeding 50°C/ 122°F.

## 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>
- WEL (short term) 10 mg/m<sup>3</sup>
- Chemical resistant gloves (PVC).
- Ensure adequate ventilation of the working area.
- Wear approved safety goggles.
- Wear chemical protective clothing.

## 9 Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Liquid, amber
- Odour: Mild
- Freezing point/Range: <-45 °C
- Boiling Point/Range: >150 °C
- Flashpoint: 212 °C
- Oxidising Properties: Not considered oxidising
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature >300
- Vapour Pressure: - not applicable
- Density: 0.8483
- Viscosity: 160
- 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

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## 12 Ecological Information

**12.1 Toxicity** - No information available

**12.2 Persistence and degradability** - May cause long-term adverse effects in the environment.

**12.3 Bioaccumulation Potential**

- Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

**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 a PBT according to REACH Annex XIII 12.6 Other Adverse Effects - Information given is based on data on the components and the toxicology of similar products.

## 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** - 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**

- 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

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

H315: Causes skin irritation.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.