

# Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 05 June 2020

Revision: 04 August 2015

(Page 1 of 4)

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

Trade name: **linelube Engine Oil Semi-Synthetic 5W-30**

### 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

### 2.2 Label elements

Signal Word: None Required  
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

#### Lubricating oils: Base oil

CAS Number: 74869-22-0  
EC Number: 278-012-2  
REACH Registration Number: Concentration: 1 - 10%  
H Phrases: Not Applicable

#### Zinc alkyl dithiophosphate

CAS Number: 68649-42-3  
EC Number: 27-028-3  
REACH Registration Number: Concentration: 0.5-1%  
H Phrases: H411. H318

# Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 05 June 2020

Revision: 04 August 2015

(Page 2 of 4)

## 4 First-aid measures

### 4.1 Description of first aid measures

**Inhalation:** Do not breathe dust or vapour.

**Contact with eyes:** Irritating to eyes. Irrigate eyes thoroughly whilst lifting eyelids. When in doubt or symptoms persist, seek medical attention

**Contact with skin:** Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

**Ingestion:** Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

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

**Eye contact:** Irritating to eyes.

**Ingestion:** DO NOT INDUCE VOMITING. Ingestion may cause nausea and vomiting.

**Skin contact:** May cause irritation to skin.

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

- If in eyes: Flush with lukewarm water for 15 minutes. Seek medical attention if irritation develops.
- 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:** Fire can be extinguished using: Foam, Dry chemicals, sand, dolomite etc.

### 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.

## 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 spillage in suitable inert material - Place in appropriate container - Seal containers and label them

**6.4 Reference to other sections:** See Section 8

## 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.

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

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

**7.3 Specific end use(s):** See Section 1

# Material Safety Data Sheet

According to 1907/2006/EC, Article 31

**linelube**

Printing Date: 05 June 2020

Revision: 04 August 2015

(Page 3 of 4)

## 8 Exposure controls/personal protection

### 8.1 Control parameters:

- Lubricating oils; Base oil
  - WEL (long term) 5 mg/m<sup>3</sup>
  - WEL (short term) 10 mg/m<sup>3</sup>
  -

### 8.2 Exposure controls:

- Chemical resistant gloves (PVC).
- Ensure adequate ventilation
- Wear Suitable respiratory equipment.
- Wear approved safety goggles.



## 9 Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties:

- Appearance: Liquid, amber
- Odour: Mild - Freezing point/Range: -38 °C
- Boiling Point/Range: >150°C
- Flashpoint: 221 °C
- Oxidising Properties: Not considered oxidising
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature >300°C
- Vapour Pressure: 0.1
- Density: 0.875 -0.91
- Viscosity: 69.2
- 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 - 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

- Lubricating oils; Base oil
- Daphnia EC50/48h: 41000.0000 mg/l
- Fish LC50/96h: 22810.0000 mg/l

# Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 05 June 2020

Revision: 04 August 2015

(Page 4 of 4)

## 12.2 Persistence and degradability

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

**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. - 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** - 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

- 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:

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.