

# Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 09 June 2020

Revision: 19 January 2017

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

Trade name: **linelube Gear Oil EP 80W-90 GL4**

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

- Use of the substance/mixture: Transmission 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: This product has no classification under CHIP.

### 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

## 3 Composition / Information on ingredients

### 3.1 Mixtures

Lubricating oils: Base oil - unspecified

- CAS Number: 74869-22-0
- EC Number: 278-012-2
- REACH Registration Number:
- Concentration: 80-90%
- 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 Irrigate eyes thoroughly whilst lifting eyelids When in doubt or symptoms persist, seek medical attention

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- **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** 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: Irritating to eyes.
- Skin Contact: Wash with soap and water.

## 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.
- 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

- Use an extinguishing agent suitable for the surrounding fire. Carbon oxides. Sand.
- Do not use water jets

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

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

## 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

- Adopt best Manual Handling considerations when handling, carrying and dispensing. Temperature: 0-50°C.
- Avoid frequent or prolonged skin contact.
- Ensure adequate ventilation
- P412 - Do not expose to temperatures exceeding 50°C/ 122°F.
- 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

- Keep in a cool, dry, well ventilated place
- P233 - Keep container tightly closed.

## 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>

### 8.2 Exposure controls

- Chemical resistant gloves (PVC).
- Wear approved safety goggles.
- In poorly ventilated areas or confined spaces, use an airline respirator or self-contained breathing apparatus - Ensure adequate ventilation of the working area.



## 9 Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Brown Liquid
- Odour: Mild
- Freezing point/Range: < -45 °C
- Boiling Point/Range: > 150 °C
- Flashpoint: 195 °C
- Oxidising Properties: Not considered oxidising
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature > 300 °C
- Vapour Pressure:

## 10 Stability and Reactivity

**10.1 Reactivity** - Stable under recommended transport or storage conditions.

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

**10.3 Possibility of hazardous reactions** - Do not mix the product with other materials. Under normal conditions of storage and use, hazardous reactions will not occur.

**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.

- Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.
- Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.
- May cause temporary eye irritation.
- May cause irritation by skin contact.

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## 12 Ecological Information

### 12.1 Toxicity

Lubricating oils: Base oil - unspecified:

- Daphnia EC50/48h: 101.0000 mg/l
- Algae IC50/72h: 101.0000 mg/l
- Fish LC50/96h: 101.0000 mg/l

### 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

**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:** Not applicable

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

**14.3 Transport hazard class(es):** Not applicable

**14.4 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: 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

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## 16 Other Information

### Disclaimer

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process