

Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 09 June 2020

Revision: 02 October 2015

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

Trade name: **lineolube Gear Oils EP 68-1000**

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

- Use of the substance/mixture: Industrial gear 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

2.2 Label elements

- Signal Word: None Required
- 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

- Lubricating oils; Base oil - unspecified
 - CAS Number: 74869-22-0
 - EC Number: 278-012-2
 - REACH Registration Number:
 - Concentration: 90-100%
 - H Phrases: Not Applicable
- N-Phenyl-benzenamine reaction products with styrene and 2,4,4-trimethylpentene
 - CAS Number: 68921-45-9
 - EC Number: 272-940-1
 - REACH Registration Number:
 - Concentration: 0-1%
 - H Phrases: H410

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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

- Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eye lids open. Seek medical attention if irritation or symptoms persist.

Contact with skin

- For skin contact, wipe away excess material with dry towel. Then wash affected areas with plenty of water, and mild soap if available, for several minutes. Get medical attention if irritation occurs.

Ingestion

- DO NOT INDUCE VOMITING. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Ingestion: DO NOT INDUCE VOMITING. Seek medical attention.

4.3 Indication of any immediate medical attention and special treatment needed

- 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. Sand.

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire
- Dyke to prevent entry to sewer or waterway. Transfer liquid to a holding container

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

- Adopt best Manual Handling considerations when handling, carrying and dispensing.

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 earth or sand
- Place in sealable container
- Sweep or shovel-up spillage and remove to a safe place

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 spilling, skin and eye contact.
- Remove oil with soap and water.
- 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 correctly labelled containers.
- P403: Store in a well-ventilated place.
- Keep in a cool, dry place

8 Exposure controls/personal protection

8.1 Control parameters

- Lubricating oils; Base oil - unspecified
- WEL (long term) 5 mg/m³
- WEL (short term) 10 mg/m³

8.2 Exposure controls

- Ensure adequate ventilation of the working area.
- Wear plastic gloves
- 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: < -20C
- Boiling Point/Range: >150°C
- Flashpoint: >200°C
- Oxidising Properties: Not considered oxidising
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature >320°C - Vapour Pressure:
- Specific Gravity: 0.836 - 0.928
- Solubility in water (KG/M³): Insoluble

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 - Considered stable under normal conditions

10.2 Chemical stability - Considered stable under normal conditions

10.3 Possibility of hazardous reactions - Unlikely under normal conditions of use and storage: Do not mix with other materials.

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

10.5 Incompatible materials - Strong oxidising substances.

10.6 Hazardous Decomposition Products - No hazardous decomposition products known

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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 - This product has low toxicity. Only large volumes may have adverse.

12.2 Persistence and degradability - Not readily biodegradable

12.3 Bioaccumulation Potential - Bioaccumulation is unlikely to be significant due to 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 applicable.

12.6 Other Adverse Effects - R58: May cause long-term adverse effects in the environment

13 Disposal Considerations

13.1 Waste treatment methods

- 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.
- Disposal should be in accordance with local, state or national legislation

14 Transport Information

14.1 UN Number - UN No.: Not classified as hazardous for transport

14.2 UN Proper Shipping Name - Proper Shipping Name:

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

14.4 Packing group - Packing Group: N/A

14.5 Environmental hazards - Not classified as hazardous for marine transport

14.6 Special precautions for user - None

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

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:

H410: Very toxic to aquatic life with long lasting effects