

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 Gear Oil EP 85W-140 GL5**

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 Composition / Information on ingredients

2.1 Mixtures

Lubricating oils: Base oil - unspecified

CAS Number: 74869-22-0
EC Number: 278-012-2
REACH Registration Number: Not Available.
Concentration: 90-100%
R/H Phrases: Not Applicable

N-phenyl-benzenamine, reaction products with 2.4.4-trimethylpentene

CAS Number: 12002-23-2
EC Number: 246-690-9
REACH Registration Number: Not Available.
Concentration: 0-0.5%
R/H Phrases: N; R51/53

3 Hazards identification

3.1 Classification of the substance or mixture

- CLP: Not Classified
- CHIP: Not hazardous according to current CHIP Regulations

3.2 Label elements

- Hazard phrases: None assigned
- Precautionary Phrases: None assigned

3.3 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)

4 First-aid measures

4.1 Description of first aid measures

Inhalation

- S22 - Do not breathe dust
- S23 - Do not breathe vapour

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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

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

- S62 - 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

- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
- 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.

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
- S40 - To clean the floor and all objects contaminated by this material use water

6.4 Reference to other sections - See Section 8

7 Handling and Storage

7.1 Precautions for safe handling

- S24/25 - Avoid contact with skin and eyes
- 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/m³
- WEL (short term) 10 mg/m³

8.2 Exposure controls

- Chemical resistant gloves (PVC).
- Wear approved safety goggles.
- Wear Suitable respiratory equipment.
- Wear chemical protective clothing.
- Ensure adequate ventilation of the working area.
- S36/37/39 - Wear suitable protective clothing, eye/face protection and gloves



9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, amber
- Odour: Mild
- Freezing point/Range: < -20 °C
- Boiling Point/Range: > 150 °C
- Flashpoint: 200 °C
- Oxidising Properties: Not considered oxidising
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature > 300 °C
- Vapour Pressure: >1
- Viscosity: 98
- 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 - 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.

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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.

12 Ecological Information

12.1 Toxicity - BASE OLAZ: 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 Effect - R58: May cause long-term adverse effects in the environment

13 Disposal Considerations

13.1 Waste treatment methods

- S56 - Dispose of this material and its container at hazardous or special waste collection point
- 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.

14 Transport Information

14.1 UN Number - UN No.: 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

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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

16 Other Information

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

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.