

Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 05 June 2020

Revision: 04 August 2015

(Page 1 of 5)

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

Trade name: **lineolube Engine Oil Semi-Synthetic 10W-40**

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: Classification (EC) No. 1272/2008 (CLP)
- CHIP: The product is classified in accordance with 67/548/EEC.

2.2 Label elements

- Signal Word: None Required
- Hazard phrases Not Classified
- Precautionary Phrases Not classified as hazardous.

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: Not Available.
Concentration: 90-100%
H Phrases: Not Applicable

- ZINC DITHIOPHOSPHATE

CAS Number: 68649-42-3
EC Number: 272-028-3
REACH Registration Number: Not Available.
Concentration: 0.5 - 1%
H Phrases: H318. H411

Material Safety Data Sheet

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(Page 2 of 5)

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.
- 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: 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: Prolonged contact may cause redness, irritation and dry skin.
- Ingestion: DO NOT INDUCE VOMITING

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.
- If in eyes: Flush with lukewarm water for 15 minutes. Seek medical attention if irritation develops.
- 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. - Do not use water Jet

6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as described in Section 8 of this safety data sheet.
- Avoid inhalation of vapours/spray and contact with skin and eyes.
- In case of spills, beware of slippery floors and surfaces.
- Do not smoke, use open fire or other sources of ignition.
- No action shall be taken involving any personal risk or without suitable training.

6.2 Environmental Precautions

- Any spillage needs to be contained and not allowed to enter water courses.

6.3 Methods and material for containment and cleaning up

- Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

- For personal protection, see section 8.
- For waste disposal, see section 13.

Material Safety Data Sheet

According to 1907/2006/EC, Article 31

linelube

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(Page 3 of 5)

7 Handling and Storage

7.1 Precautions for safe handling

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

7.3 Specific end use(s) - The identified uses for this product are detailed in Section 1.2

8 Exposure controls/personal protection

8.1 Control parameters

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

8.2 Exposure controls

- Wear suitable respiratory protection
- Chemical resistant gloves (PVC).
- Wear approved safety goggles.
- Ensure adequate ventilation of the working area



9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, amber
- Odour: Mild
- Freezing point/Range: <-18
- Boiling Point/Range: >150C
- Flashpoint: 220C
- Evaporation Rate: 5
- Oxidising Properties: Not considered oxidising
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature >320
- Density: 0.875 - 0.91

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 normal temperature conditions and recommended use.

10.2 Chemical stability - Considered stable under normal conditions

10.3 Possibility of hazardous reactions - Do not mix with other products.

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

- Combustion or thermal decomposition could liberate carbon oxides and other toxic gases or vapours.

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(Page 4 of 5)

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 - Not available

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 likely.

12.4 Mobility in soil

- The product is non-volatile. The product is insoluble in water and will spread on the water surface.

12.5 Results of PBT and vPvB assessment - Not applicable.

12.6 Other Adverse Effects

- May cause long-term adverse effects in the environment. Films formed on water may affect oxygen transfer and damage organisms.

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.
- Disposal should be in accordance with local, state or national legislation
- We recycle 205L and 1000L packaging.

14 Transport Information

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

14.2 UN Proper Shipping Name - Proper Shipping Name: Not classified as hazardous for transport

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

14.4 Packing group - Packing Group: ICAO Packing group N/A, IMDG Packing group N/A

14.5 Environmental hazards - Not classified.

14.6 Special precautions for user - Read MSDS and TDS for instructions of correct use

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

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The logo for lineolube, featuring the brand name in a white, italicized sans-serif font on a red rectangular background.

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(Page 5 of 5)

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