

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: **lineolube HP Universal Tractor Oil 10W-30**

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

- Use of the substance/mixture: Automotive engine crankcase lubricant.
- 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	Not classified as hazardous in accordance with CLP (EC 1272/2008) and DPD (1999/45/EC)
2.2 Label Elements	No labelling required
2.3 Other Hazards	Not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 DMSO test

3 Composition / Information on ingredients

3.2 Mixtures Component

- Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-,(T-4)-
 - EC No. 224-235-5
 - REACH Reg. No 01-2119493635-27
 - GHS Classification Aquatic Chronic 2; H411 Eye Dam. 1; H318
 - DSD Classification Xi; R41 N; R51/53
 - Conc. % <3
- Benzene, polypropylene derivatives, sulfonated, calcium salts
 - EC No. Polymer
 - REACH Reg. No Not Available
 - GHS Classification
 - Aquatic Chronic 4; H413
 - Eye Irrit. 2; H319
 - Skin Sens. 1; H317
 - DSD Classification Xi; R43
 - Conc. % <0.7
- Dodecylphenol, mixed isomers (branched)
 - EC No. 310-154-3
 - REACH Reg. No 01-2119513207-49
 - GHS Classification
 - Aquatic Acute 1; H400
 - Aquatic Chronic 1; H410
 - Eye Irrit. 2; H319
 - Repr. 2; H361

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- Skin Irrit. 2; H315
- DSD Classification Xn; R62 Xi; R36/38 N; R50/53
- Conc. % <0.2
- Triphenyl phosphite
 - EC No. 202-908-4
 - REACH Reg. No Not Available
 - GHS Classification
 - Acute Tox. 4; H302
 - Aquatic Acute 1; H400
 - Aquatic Chronic 1; H410
 - Eye Irrit. 2; H319
 - Repr. 2; H361
 - Skin Irrit. 2; H315
 - DSD Classification Xn; R22 Xi; R36/38 N; R50/53
 - Conc. % <0.15

4 First-aid measures

4.1 Description of first aid measures

- Inhalation** If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.
- Eyes** Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open. Obtain medical advice if any pain or redness develops or persists.
- Skin** Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.
- Ingestion** If contamination of the mouth occurs, wash out thoroughly with water. Except as a deliberate act, the ingestion of large amounts of product is unlikely. If it should occur, do not induce vomiting; obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed No ill effects known

4.3 Indication of immediate medical attention and special treatment needed, if necessary Eye contact: immediately wash out with plenty of water

5 Fire Fighting Measures

- 5.1 Extinguishing media** Foam, dry powder or water fog. Water can be used to cool and protect exposed material.
- 5.2 Specific hazards arising from the substance or mixture** Toxic fumes may be evolved on burning or exposure to heat. See Stability and Reactivity, Section 10 of this Safety Data Sheet.
- 5.3 Advice for fire-fighters** Wear self-contained breathing apparatus. Water may cause splattering.

6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures Immediately evacuate all personnel from danger area. Wear Personal Protective Equipment. Eliminate all sources of heat, sparks, pilot lights, static electricity and open flames. Spilled material may make surfaces slippery.

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6.2 Environmental precautions

Protect drains from potential spills to minimise contamination. Do not wash product into drainage system. In the case of large spills contact the appropriate authorities. In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover product from the surface. Protect environmentally sensitive areas and water supplies.

6.3 Methods and material for containment and cleaning up

Absorb into dry earth or sand. Protect drains using drain covers. Dispose of as hazardous waste.

6.4 Reference to other sections

Personal protective equipment: See section 8

7 Handling and Storage

7.1 Precautions for safe handling

Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Avoid frequent or prolonged skin contact with fresh or used product. Good working practices, high standards of personal hygiene and plant cleanliness must be maintained at all times. Wash hands thoroughly after contact. Use disposable cloths and discard when soiled. Do not put soiled cloths into pockets.

7.2 Conditions for safe storage, including any incompatibilities

Use a suitable barrier cream at regular intervals. Keep out of the reach of children.

7.3 Specific end use(s)

Store under cover away from heat and sources of ignition. Intended for use as an automotive engine crankcase lubricant.

8 Exposure controls/personal protection

8.1 Control parameters : None

Country
Substance
Long Term (8 Hours TWA)
Short Term (15 Mins)

8.2 Exposure controls

- Use local exhaust ventilation to control mists or vapours.
- Hand Protection:** Nitrile or neoprene protective gloves
- Eye Protection:** Safety glasses
- Skin Protection:** Protective clothing
- Hygiene Measures:** Wash thoroughly after handling this product



9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Does not constitute a specification

Values

- Appearance** Amber Liquid
- Odour** Oily
- Odour Threshold** No data available
- Pour point/range** °C -35
- Initial boiling point and range** °C No data available

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▪ Flash point (COC)	°C	223
▪ Flammability		Not flammable
▪ Upper/lower flammability or explosive limits		Not applicable
▪ Vapour pressure	kPa (0.1 mm Hg)	No data available
▪ Relative density	kg/m ³	0.884 @ 20°C
▪ Solubility	- water	Insoluble
	- fat/solvents	Soluble
▪ Partition coefficient n-octanol/water	Log Pow	Not applicable
▪ Autoignition temperature		No data available
▪ Decomposition temperature		No data available
▪ Viscosity	mm ² /s	66.22 @ 40°C
▪ mm ² /s		10.21 @ 100°C
▪ Evaporation rate		Not applicable
▪ Vapour density		Not applicable
▪ Explosive properties		Not applicable
▪ Oxidising properties		None

9.2 Other Information None

10 Stability and Reactivity

10.1 Reactivity	No dangerous reactions known
10.2 Chemical stability	Stable under normal conditions of use
10.3 Possibility of hazardous reactions	None known
10.4 Conditions to avoid	Avoid overheating.
10.5 Incompatible materials	Avoid contact with strong oxidising agents
10.6 Hazardous decomposition products	Thermal decomposition products will vary with conditions. Incomplete combustion will generate smoke, carbon dioxide and hazardous gases, including carbon monoxide.

11 Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:

- Oral No toxic components present at levels to cause classification.
- Inhalation No toxic components present at levels to cause classification.
- Dermal No toxic components present at levels to cause classification.

Corrosivity/Irritation:

- Eye No components present that are classified as eye irritants.
- Skin No components present that are classified as skin irritants but may cause skin irritation due to de-fatting effect on skin.
- Respiratory Tract No components present that are classified as respiratory irritants.

Sensitisation:

- Skin No evidence of sensitisation effects.
- Respiratory No evidence of sensitisation effects.

Repeated-dose Toxicity:

No data available.

Mutagenicity:

No evidence of mutagenicity.

Carcinogenicity:

No evidence of carcinogenicity.

Reproductive Toxicity:

No evidence of reproductive toxicity.

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12 Ecological Information

12.1 Toxicity	Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired
12.2 Persistence and Degradability	Not biodegradable.
12.3 Bioaccumulative Potential	There is no evidence to suggest bioaccumulation will occur.
12.4 Mobility in Soil	Spillages may penetrate the soil causing ground water contamination. Non-volatile.
12.5 Results of PBT and vPvB Assessment	No PBT or vPvB chemicals present.
12.6 Other Adverse Effects	None known.

13 Disposal Considerations

13.1 Waste Treatment Methods

- Where possible, arrange for product to be recycled.
- Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations.
- Incineration may be carried out under controlled conditions provided that local regulations for emissions are met.

14 Transport Information

Not classified as hazardous for transport (ADR, RID, UN , IMO, IATA/ICAO).

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	No formal chemical safety assessment has been carried out.

16 Other Information

Full text of classification data in sections 2 and 3

- Eye Dam. 1; H318 Serious eye damage/eye irritation, Hazard Category 1; Causes serious eye damage
- Skin Irrit. 2; H315 Skin corrosion/irritation, Hazard Category 2; Causes skin irritation.
- Eye Irrit. 2; H319 Serious eye damage/eye irritation, Hazard Category 2; Causes serious eye irritation
- Skin Sens. 1; H317 Sensitisation, skin, Hazard Category 1, May cause an allergic skin reaction
- Aquatic Chronic 2; H411 Hazardous to the aquatic environment, long-term hazard, Hazard Category 2; Toxic to aquatic life with long lasting effects

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- Flam. Liq. 3; H226 Flammable liquids, Hazard Category 3; Flammable liquid and vapour
- Aquatic Acute 1; H400 Hazardous to the aquatic environment, acute hazard, Hazard Category 1; Very toxic to aquatic life
- Aquatic Chronic 1; H410 Hazardous to the aquatic environment, long-term hazard, Hazard Category 1; Very toxic to aquatic life with long lasting effects
- Repr. 2; H361 Reproductive toxicity, Hazard Category 2; Suspected of damaging fertility or the unborn child
- Acute Tox. 4; H302 Acute toxicity, oral, Hazard Category 4; Harmful if swallowed
- Aquatic Chronic 4; H413 Hazardous to the aquatic environment, long-term hazard, Hazard Category 4; May cause long lasting harmful effects to aquatic life
- Aquatic Chronic 3; H412 Hazardous to the aquatic environment, long-term hazard, Hazard Category 3; Harmful to aquatic life with long lasting effects
- F; R10 Flammable
- Xn; R22 Harmful if swallowed
- Xn; R62 Risk of impaired fertility
- Xi; R41 Risk of serious damage to the eyes
- Xi ; R36/38 Irritating to eyes and skin.
- R43 May cause sensitisation by skin contact
- N; R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
- N; R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment