

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 Penetrating Oil**

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

- Use of the substance/mixture: Designed to rapidly penetrate rusted, seized and corroded bolts, nuts, hinges, locks, linkages, tools, studs and pins
- 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), Acute Tox. 1, Aquatic Chronic 2
- CHIP: This product has no classification under CHIP.

2.2 Label elements

- Signal Word: Danger
- Hazard statements:
 - H304 - May be fatal if swallowed and enters airways.
 - H411 - Toxic to aquatic life with long lasting effects.
 - H370 - Causes damage to the lungs
- Precautionary statements
 - P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.



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

- Distillates (petroleum), hydrotreated light; Kerosene - unspecified
 - CAS Number: 64742-47-8
 - EC Number: 265-149-8
 - REACH Registration Number: Not Available.
 - Concentration: 40-50%
 - H Statements: H304
- Lubricating oils; Base oil - unspecified
 - CAS Number: 74869-22-0
 - EC Number: 278-012-2
 - REACH Registration Number: Not Available.
 - Concentration: 40-50%
 - H Statements: Not Applicable

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- 2-methylpropan-1-ol; iso-butanol
 - CAS Number: 78-83-1
 - EC Number: 201-148-0
 - REACH Registration Number:
 - Concentration: 1-10%
 - H Statements: H226, H335, H315, H318, H336

4 First-aid measures

4.1 Description of first aid measures

Inhalation:

- Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.

Contact with eyes

- H320 - Causes eye irritation.
- In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
- Get medical attention if irritation occurs.

Contact with skin

- H315 - Causes skin irritation.
- Remove contaminated clothing
- Wash the skin immediately with soap and water., Get medical attention if any discomfort continues.

Ingestion

- Harmful: may cause lung damage if swallowed.
- P331 - Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

- Ingestion: DO NOT INDUCE VOMITING

4.3 Indication of any immediate medical attention and special treatment needed

- Do not induce vomiting.
- H315+H320 - Causes skin and eye irritation.
- No action shall be taken involving any personal risk or without suitable training.

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

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.

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6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- No action shall be taken involving any personal risk or without suitable training. Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid sparks, flames, heat and sources of ignition.
- Wear suitable protective equipment.
- Ensure adequate ventilation of the working area.
- Wear protective clothing as per section 8

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 spillage in suitable inert material
- Sweep or shovel-up spillage and remove to a safe place
- Transfer to suitable, labelled containers for disposal.

6.4 Reference to other sections

- See Section 2
- 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.
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- No smoking.
- P233 - Keep container tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place

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 8-hr limit mg/m³: 5
- WEL 15 min limit mg/m³: 10

2-methylpropan-1-ol; iso-butanol

- WEL 8-hr limit ppm: 50 WEL 8-hr limit mg/m³: 154
- WEL 15 min limit ppm: 75 WEL 15 min limit mg/m³: 231

8.2 Exposure controls

- Ensure adequate ventilation
- Wear suitable protective clothing, including eye/face protection and gloves (butyl rubber are recommended)
- Wear Suitable respiratory equipment.



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9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, brown
- Odour: Mild
- Viscosity: 6
- Freezing point/Range: <- 15C
- Boiling Point/Range: No Data Available
- Flashpoint: 56C
- Oxidising Properties: Not considered oxidising
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature > 230
- Density: 0.78 - 0.85
- Solubility in water: Immiscible 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 - 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 - Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials - Strong oxidising substances.

10.6 Hazardous Decomposition Products - Burning produces obnoxious and irritating fumes

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.
- Information given is based on data on the components and the toxicology of similar products.

12 Ecological Information

12.1 Toxicity

- The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

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 - Contains components with the potential to bio accumulate.

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12.4 Mobility in soil

- No data is available on this product. Partly evaporates from water or soil surfaces, but significant proportion will remain. Large volumes may penetrate soil and contaminate ground 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. Films formed on water may affect oxygen transfer and damage organisms

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

14.5 Environmental hazards - Marine pollutant

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

14.7 Transport in bulk according to Annex II of MARPOL and the IBC code - Not applicable

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 chemical assessment has been carried out as this Safety Data Sheet is for a mixture

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16 Other Information

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

- H226: Flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H335: May cause respiratory irritation.
- H336: May cause drowsiness or dizziness.