

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05 April 2017



Revision: 19 January 2017

Page 1 of 5

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

Trade name: *Linelube Syn 5w40 Engine Oil*

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

- Hazard phrases None assigned
- 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; Baseoil
 - CAS Number: 74869-22-0
 - EC Number: 278-012-2
 - REACH Registration Number: Not Available.
 - Concentration: 90-100%
 - R/H Phrases: Not Applicable
- Zinc alkyl dithiophosphate
 - CAS Number: 68649-42-3
 - EC Number: 27-028-3
 - REACH Registration Number: Not Available.
 - Concentration: 1-10%
 - R/H Phrases: Xi; R36 N;R51/53, CLP Classification Aquatic Chronic 2/H411; Eye Dam. 1/H318; Skin Irrit. 2/H315

4 First-aid measures

4.1 Description of first aid measures

Inhalation

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

Contact with eyes

- Irritating to eyes.
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes

This safety data sheet serves to complement but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05 April 2017



Revision: 19 January 2017

Page 2 of 5

- 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

- Irritating to eyes.
- Causes nausea/vomiting
- May cause breathing difficulty

4.3 Indication of any immediate medical attention and special treatment needed

- S44 - If you feel unwell, seek medical advice (show the label where possible)
- Do not induce vomiting.

5 Fire Fighting Measures

5.1 Extinguishing media

- S43 - In case of fire use carbon dioxide or dry agent

5.2 Special hazards arising from the substance or mixture

- Burning produces obnoxious and irritating fumes.
- Dyke to prevent entry to sewer or waterway. Transfer liquid to a holding container
- In case of fire, do not breathe fumes

5.3 Advice for firefighters

- Prevent run off water from entering drains if possible
- Wear Breathing Apparatus

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.

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

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05 April 2017



Revision: 19 January 2017

Page 3 of 5

8 Exposure controls/personal protection

8.1 Control parameters

- WEL (long term) 5 mg/m³
- WEL (short term) 10 mg/m³

8.2 Exposure controls

- Wear approved safety goggles.
- Wear Suitable respiratory equipment.
- Ensure adequate ventilation
- Chemical resistant gloves (PVC).



9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, amber
- Odour: Mild
- Freezing point/Range: <-18 °C
- Boiling Point/Range: >200 °C
- Flashpoint: 223°C
- Oxidising Properties: Not considered oxidising
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature >320 °C
- Vapour Pressure: < 0.1
- Density: 0.83 -0.9
- 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

- No hazardous reactions known if used for its intended purpose

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

- P412 - Do not expose to temperatures exceeding 50°C/ 122°F.

10.5 Incompatible materials

- Incompatible with strong oxidizing substances

10.6 Hazardous Decomposition Products

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

11 Toxicological Information

11.1 Information on toxicological effects: No information available

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05 April 2017



Revision: 19 January 2017

Page 4 of 5

12 Ecological Information

12.1 Toxicity - No information available

12.2 Persistence and degradability

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

12.3 Bioaccumulation Potential

- Bioaccumulation is insignificant

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
- To the best of our knowledge, the properties of this material have not been fully evaluated

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 applicable

14.2 UN Proper Shipping Name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- 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

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

Material Safety Data Sheet

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Revision: 19 January 2017

Page 5 of 5

16 Other Information

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

- R36: Irritating to eyes.
- R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.