

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 Lithium EP3 Grease**

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

- Use of the substance/mixture: Lubricant

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 (67/548/EEC)

2.2 Label elements

- Hazard phrases: Not classified as hazardous
- Precautionary Phrases: None assigned

2.3 Other hazards

- DMSO-content: <3% (according to IP346)

3 Composition / Information on ingredients

3.1 Mixtures:

Zinc Dialkylphosphorodithioate

- CAS Number: 68649-42-3
- EC Number:
- REACH Registration Number:
- Concentration: 1 - 10%
- R/H Phrases: Xi; R36 N; R51/53

4 First-aid measures

4.1 Description of first aid measures

Inhalation:

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

Contact with eyes:

- H320: Causes eye irritation.
- Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes.
- Get medical attention if any discomfort continues.

Contact with skin:

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

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- Remove contaminated clothing

Ingestion:

- S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
- May cause nausea/vomiting

4.2 Most important symptoms and effects, both acute and delayed

- Skin Contact: May cause irritation to skin and eyes.
- Ingestion: DO NOT INDUCE VOMITING

4.3 Indication of any immediate medical attention and special treatment needed

- S28b - Wash affected area with plenty of soap and water
- S44 - If you feel unwell, seek medical advice (show the label where possible)
- 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. Carbon dioxide (CO₂). Sand.

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

5.3 Advice for firefighters

- Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.
- Do NOT use water jet.

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.
- Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal

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
- Ventilate area
- Wash thoroughly after dealing with spillage

6.4 Reference to other sections

- See Section 2
- See Section 16

7 Handling and Storage

7.1 Precautions for safe handling

- Avoid direct contact with the substance.
- Ventilate well, avoid breathing odours,
- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Temperature: 0- 50°C.

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7.2 Conditions for safe storage, including any incompatibilities

- S3/7/9 - Keep container tightly closed, in a cool, well ventilated place
- Store incorrectly labelled containers.

7.3 Specific end use(s)

- Please use this product as indicated in sections 1 and 2. If you are uncertain please contact us immediately as not using the product in the right way could be dangerous for your health and machinery. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.

8 Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

- P281 - Use personal protective equipment as required.
- Wear goggles giving complete eye protection
- Wear plastic gloves
- Ensure adequate ventilation



9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- Appearance: Gel - Light Brown
- Odour: Mild
- Freezing point/Range: No information available
- Boiling Point/Range: No Data Available
- Flashpoint: >200
- Oxidising Properties: No information available
- Autoignition Temperature >200
- Explosive Properties: Non-explosive
- Melting Point >150
- Density: 0.82 -0.85

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

- 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

- Do not expose to temperatures between 0 °C and 50 °C

10.5 Incompatible materials

- Incompatible with strong oxidizing substances

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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.

12 Ecological Information

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

12.1 Toxicity

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

- Low bioaccumulation potential

12.4 Mobility in soil

- No Data Available
- The product is not 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

- R58 - May cause long-term adverse effects in the environment

13 Disposal Considerations

13.1 Waste treatment methods

14 Transport Information

14.1 UN Number Not classified as hazardous for transport

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

14.3 Transport hazard class(es) : Not classified as hazardous for transport

14.4 Packing group

14.5 Environmental hazards- Not classified.

14.6 Special precautions for user - No special precautions are required for this product

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: - None

15 Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

UK Regulatory References:

- Health and Safety at Work Act 1974.

Statutory Instruments:

- The Chemicals (Hazard Information and Packaging for Supply) Regulations 209 (S.I 209 No. 716).

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Approved Code of Practice:

- Safety Data Sheets for Substances and Preparations.

Guidance Notes:

- Workplace Exposure Limits EH40

EU Legislation:

- Dangerous Preparations Directive 19/45EC
- Dangerous Substance Directive 67/548/EC

15.2 Chemical Safety Assessment

- No chemical assessment has been carried out as this Safety Data Sheet is for a mixture

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.