MATERIAL SAFETY DATA SHEET

LITHIUM EP2 GREASE

Revision: 11 Aug 2014

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name LITHIUM EP2 GREASE

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

Use of substance/mixture: Lubricant

1.3 Details of the supplier of the safety data sheet

Company Address

Prime Lubricants Ltd
Oakney Wood Avenue
Selby Business Park
Selby
North Yorkshire
YO8 8FQ
Tel. 01757 706996
Fax. 01757 707994

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

CLP: Classification (67/548/EEC)
CHIP:

2.2 Label Elements

Hazard phrases Not classified as hazardous

2.3 Other Hazards No other known hazards

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

SECTION 3: Composition/information on ingredients

3.1 Mixtures

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

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact: 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 attentionif any discomfort continues.

Skin contact: Contact with skin: Causes irritation
Wash the skin immediately with soap & water. Get medical attention if any discomfort continues. Remove contaminated clothing.

Inhalation: S22 – Do not breathe dust
S23 – Do not breathe vapour

Ingestion: S62 – If swallowed, do not induce vomiting: seek medical advice immediately and 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. Ingestion may cause nausea and 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.

SECTION 5: Firefighting 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.

SECTION 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. Put on appropriate Personal Protective Equipment.

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 with inert, absorbent material.
Ventilate area.
Wash thoroughly after dealing with spillage.

6.4. Reference to other sections Please always refer to sections 2 and 16.

SECTION 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.

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.

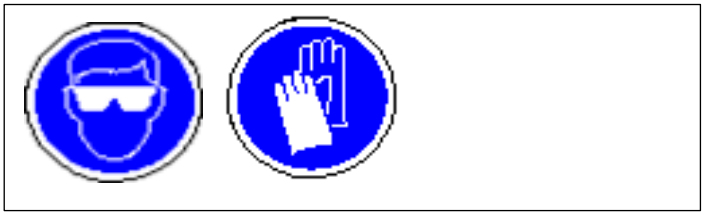
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Exposure Limit Values

8.2. Exposure controls



8.2.1 Appropriate engineering controls

8.2.2 Individual protection measures

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

SECTION 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
Auto-ignition 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.

SECTION 10: Stability and reactivity

10.1. Reactivity Stable under normal temperature conditions and recommended use.

10.2. Chemical stability 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 Store at temperatures between 0 °C and 50 °C.

10.5. Incompatible materials Incompatible with strong oxidising substances.

10.6. Hazardous decomposition products

Burning produces obnoxious and irritating fumes.

SECTION 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.

SECTION 12: Ecological information

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

12.1. Toxicity No data 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 the aquatic environment.

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.

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SECTION 13: Disposal considerations

13.1. Waste treatment method

SECTION 14: Transport information

14.1. UN Number	The product is not classified as dangerous for carriage.
14.2. Proper shipping name	The product is not classified as dangerous for carriage.
14.3. Transport hazard class (es)	The product is not classified as dangerous for carriage.
14.4. Packing group	Not classified
14.5 Environmental hazards	Not classified

14.6. Special precautions for user

No special precautions are required for this product

14. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

None

SECTION 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 2009 (S.I 2009 No. 716). Approved Code Of Practice.Safety Data Sheets for Substances and Preparations. Guidance Notes. Workplace Exposure Limits EH40. EU Legislation.
Dangerous Preparations Directive 1999/45/EC. Dangerous Substance Directive 67/548/EEC.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

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.

Disclaimer

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process