

LITHIUM COMPLEX GREASE

Revision: 02/02/2016



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

1.1. Product identifier

Product Name LITHIUM COMPLEX 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 not classified as hazardous
CHIP: Not hazardous according to current CHIP regulations

2.2 Label Elements

Hazard phrases Not classified as hazardous

2.3 Other Hazards

DMSO-content <3% (according to IP346)

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Zinc Dialkylphosphorodithioate
CAS Number: 68649-42-3
REACH Registration Number: not available
Concentration: <1-10%
H Phrases: Xi; R36 N; R51/53

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact:	– 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.
Skin contact:	Causes Skin irritation Wash the skin immediately with soap & water. Get medical attention if any discomfort continues. Remove contaminated clothing.
Inhalation:	Do not breathe dust, Do not breathe vapour. If inhaled and the vapour causes irritation to the nose or throat move the person to fresh air, if symptoms persist obtain medical attention.
Ingestion:	If swallowed, do not induce vomiting: seek medical advice immediately and this container or label. If vomiting occurs keep head low so that the stomach content get into the lungs. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact:	There may cause irritation to skin and eyes
Eye Contact:	irritating to eyes
Ingestion:	DO NOT INDUCE VOMITING

4.3 Indication of any immediate medical attention and special treatment needed

Eye Contact Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist. If swallowed , do not induce vomiting seek medical advice immediately and show this container or label. Skin contact Wash with soap and water

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 emits obnoxious and irritating fumes
5.3 Advice for Firefighters	Special Firefighting Procedures. Water spray should be used to cool containers. Keep run off water out of sewers and water courses. Dike for water control. Protective equipment for fire fighters : Self-contained breathing apparatus and full protective clothing must be worn in case of fire. 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. Do not touch or walk through spilt material.

6.2. Environmental precautions	Any spillage needs to be contained and not allowed to enter water courses drains or rivers.
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6.3. Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable , labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections	Wear protective clothing as described in Section 8 of the SDS sheet. Turn leaking containers upside up to prevent the escape of liquid.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

- Store in cool, well ventilated place, Keep container tightly closed,
- Keep away from sources of ignition.

7.3. Specific end use(s)

- See product label.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: No data available

- DNEL / PNEC No data available

8.2. Exposure controls



8.2.1 Appropriate engineering controls

8.2.2 Individual protection measures

Wear goggles giving complete eye protection.

Ensure adequate ventilation.

Wear Rubber or PVC Gloves

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Red
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
Density:	0.82-85

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 with other products Hazardous reactions will not occur under normal transport or storage conditions.
0.4. Conditions to avoid	P412 do not exceed Heat of 50°C/122°C.
10.5. Incompatible materials	Strong oxidising agents. Strong Acids.
10.6. Hazardous decomposition products	In combustion emits toxic fumes of carbon dioxide CO ₂ / carbon monoxide. CO

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** Biodegradable in part only
- 12.3. Bioaccumulation potential** Slightly bioaccumulable.
- 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 identified as a PVT /vPvB substance
- 12.6. Other adverse effects** Negligible ecotoxicity

SECTION 13: Disposal considerations

- 13.1. Waste treatment method** Transfer to a suitable container and arrange for collection by specialised disposal company.
Disposal should be in accordance with local, state, or national legislation
We recycle untampered with 205L and 1000L packaging

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 applicable
- 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**
- Specific regulations : Not applicable
- 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