

# SEMI-FLUID GREASE



Revision: 22 June 2016

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

### 1.1. Product identifier

**Product Name** LITHIUM SEMI FLUID 0, 00, 000 GREASE

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

PC24: Lubricants, greases, release products

### 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

Classification under CLP: This product has no classification under CLP

### 2.2 Label Elements

**Hazard phrases** Not classified as hazardous

### 2.3 Other Hazards

PBT: This product is not identified as a PBT/vPvB substance

## SECTION 3: Composition/information on ingredients

**3.1 Mixtures** Lithium Grease

## SECTION 4: First aid measures

4.1. Description of first aid measures: Skin contact: Wash immediately with plenty of soap and water. Eye contact: Bathe the eye with running water for 15 minutes. Seek medical attention if irritation persists. Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor. Inhalation: Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed: Skin contact: There may be mild irritation at the site of contact. Eye contact: There may be irritation and redness. Ingestion: There may be irritation of the throat. Inhalation: No symptoms.

4.3. Indication of any immediate medical attention and special treatment needed: Immediate / special treatment: No data available.

## SECTION 5: Firefighting measures

**5.1 Extinguishing media** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2 Special hazards arising from the substance or mixture**  
In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**5.3 Advice for Firefighters** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak- side up to prevent the escape of liquid.

**6.2. Environmental precautions** Do not discharge into drains or rivers. Contain the spillage using bunding

**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** Refer to section 8 of SDS.

## 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 a cool, well ventilated area. Keep container tightly closed.

### 7.3. Specific end use(s) - PC24: Lubricants, greases, release products

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 8.1.1 Exposure Limit Values      No Data Available

### 8.2. Exposure controls



Engineering measures: Not applicable.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: No special requirement.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

State: Grease Colour: Brown Odour: Odourless

Solubility in water: Insoluble

Melting point/range°C: >100

Flash point°C: >200

Autoflammability°C: >250

### 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

Reactivity: Stable under recommended transport or storage condition

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

Heat & Flames

### 10.5. Incompatible materials

Strong oxidising agents and acids

### 10.6. Hazardous decomposition products

In combustion emits toxic fumes of carbon dioxide / carbon monoxide

## SECTION 11: Toxicological information

- 11.1. Information on toxicological effects** Toxicity values: No data available  
 Skin contact: There may be mild irritation at the  
 Symptoms / routes of exposure site of contact.  
 Eye contact: There may be irritation and redness.  
 Ingestion: There may be irritation of the throat.  
 Inhalation: No symptoms.
- Other information: Not applicable

## 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** No data available
- 12.3. Bioaccumulation potential** No data
- 12.4. Mobility in soil** Readily absorbed into soil
- 12.5. Results of PBT and vPvB assessment**  
 This product is not identified as a PBT/vPvB substance.
- 12.6. Other adverse effects** No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment method

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 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

Not applicable

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.