

# PRODUCT SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

## LITHIUM EP.2 COMPLEX GREASE - RED

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

Industrial Lubricant

### 1.3 Details of the supplier of the safety data sheet

Chemodex Limited, Canal Road, Worksop, Notts. S80 2EH.

Tel: +44 (0)1909 473301 Fax: +44 (0)1909 500961 E-mail: [sales@chemodex.co.uk](mailto:sales@chemodex.co.uk)

### 1.4 Emergency telephone number

As above between 8.00am-5.00pm


## SECTION 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Not classified

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Ingredients	CAS No.	REACH registration no.	Classification 67/548/EEC	Regulation (EC) No 1272/2008 (CLP)
Blend of Mineral Oils	64742-52-5 64742-54-7	01-2119467170-45 01-2119484627-70	Not Classified Not Classified	Not Classified Not Classified
Zinc Dialkyldithiophosphate >1.5%	68649-42-3	Not applicable	Xi, N:R36, R51/53	

The mineral oil contains less than 3% DMSO extract as measured by IP346

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

Eye Contact	Irrigate immediately with copious quantities of water. If irritation persists, seek medical attention.
Skin Contact	Wash thoroughly with soap and water. If grease has been injected under the skin, seek medical advice immediately.
Inhalation	Not applicable.
Ingestion	DO NOT INDUCE VOMITING. Obtain medical attention.

## SECTION 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing Media

Use water. Spray to cool containers. Use foam, dry chemical, CO2 or suitable extinguishing media.

### 5.2 Exposure Hazards

This product may give rise to hazardous fumes in a fire.

### 5.3 Protection for Fire Fighters

Wear self-contained breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 for personal protection details.

### 6.2 Environmental precautions

Prevent entry into drains, sewers and water courses.

### 6.3 Methods and materials for containment and cleaning up

Scrape or shovel up and transfer to suitable containers. Clean affected areas.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid direct contact with the substance.

### 7.2 Conditions for storage

Store in a cool well ventilated area.

## **SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION**

### **8.1 Protective Equipment**

Hand Protection	PVC Gloves
Eye Protection	Wear approved safety goggles.
Body Protection	Normal workwear
Respiratory Protection	Not normally required.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Smooth Grease	Colour	Red
Odour	Odourless	ph	Neutral
Melting Point	Above 200°C	Flash Point (PMCC)	Exceeds 200°C
Flammability	Above 200°C	Relative Density	0.82-0.85kg/l
Solubility in Oil	Soluble	Solubility in Water (kg/m3)	Insoluble
Auto-ignition Temperature	Exceeds 200°C		

## **SECTION 10. STABILITY AND REACTIVITY**

### **10.1 Reactivity**

No dangerous reaction known.

### **10.2 Stability**

Stable under normal conditions.

### **10.4 Conditions to avoid**

Avoid high storage temperatures.

### **10.5 Incompatible materials**

Strong oxidising agents.

### **10.6 Hazardous decomposition products**

Combustion will generate smoke, carbon dioxide and carbon monoxide.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

### **11.1.4 Toxicological information**

No toxic components.

## **SECTION 12. ECOLOGICAL INFORMATION**

### **12.2 Persistence & Degradability**

Only slightly biodegradable

### **12.3 Bio-Accumulation Potential**

Product is not expected to bio-accumulate.

### **12.4 Mobility in Soil**

Non volatile. The product is poorly absorbed onto soils or sediments.

## **SECTION 13. DISPOSAL RECOMMENDATIONS**

### **13.1 Waste treatment methods**

Product Disposal	Dispose of in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations.
Hazardous Waste	Within the present knowledge of the supplier, this product is not regarded as hazardous waste as defined by EU Directive 91/689/EEC.

## **SECTION 14. TRANSPORT INFORMATION**

### **14.3 Transport hazard class**

Not classified as hazardous for transport.

### **14.4 Packing group**

Not applicable

### **14.5 Environmental hazard**

None

### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

IDMG/IMO – Not applicable

ADR/RID – Not applicable

ICAO/IATA – Not applicable

## **SECTION 15. REGULATORY INFORMATION**

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

Classified as non hazardous under DPD/GHS/CLP criteria and transport regulations ADR/RID/IMDG/ICAO/IATA

#### SECTION 16. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, that may exist in the workplace. Therefore, this msds forms a component only of a risk assessment carried out by, or on behalf of the use.

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