

# MATERIAL SAFETY DATA SHEET

LAST REV. DATE : 26/05/012

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

**PRODUCT NAME:** LITHIUM EP RANGE INCLUDING 000/EP, 00/EP, 0/EP(T), EP1, EP2(T), EPC, EP3, LT1/EP, LT2/EP, LT3/EP  
**PRODUCT CODE:** 0251/0----  
**COMPANY NAME:** CHEMODEX LTD  
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## 2. HAZARDS IDENTIFICATION

**MAIN HAZARDS:** Not classified as hazardous

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**HAZARDOUS INGREDIENTS:** Zinc Dialkyldithiophosphate 1.5 % CAS No 68649-42-3



Xi , N: R36, R51/5

## 4. FIRST AID MEASURES

**EYE CONTACT:** Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists  
**SKIN CONTACT:** Wash skin with soap and water. If grease has been injected under the skin, seek Medical advice immediately.  
**INGESTION:** Do not induce vomiting. Obtain medical attention

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use water Spray to cool containers. Use foam, dry chemical, carbon dioxide or suitable extinguishing media..  
**EXPOSURE HAZARDS:** This product may give rise to hazardous fumes in a fire.  
**PROTECTION FOR FIRE- FIGHTERS:** Wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Refer to section 8 for personal protection details.  
**SPILLAGES:** Transfer into suitable containers for recovery or disposal.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid direct contact with the substance.  
**STORAGE:** Store in cool well ventilated area

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**PROTECTIVE EQUIPMENT:**



**HAND PROTECTION:** PVC gloves  
**EYE PROTECTION:** Wear approved safety goggles  
**BODY PROTECTION:** Normal work wear  
**RESPIRATORY PROTECTION:** Not normally required

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LITHOSHIELD EP RANGE INCLUDING 000/EP, 00/EP, 0/EP(T), EP1, EP2(T), EPC, EP3, LT1/EP, LT2/EP, LT3/EP

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Smooth Semi-Fluid to Stiff Grease  
**COLOUR:** Brown  
**ODOUR:** Odourless.  
**MELTING POINT (°C):** Melts above 200  
**FLASH POINT (PMCC) (°C):** Exceed 200.  
**SOLUBILITY IN WATER (KG/M3):** Insoluble.  
**DENSITY (KG/M3):** 0.85-0.89 (Measured as kg/litre) KK  
**AUTO-FLAMMABILITY (°C):** Above 200.

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions.  
**CONDITIONS TO AVOID:** Heat.  
**MATERIALS TO AVOID:** Strong oxidising agents.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion will generate: smoke, carbon dioxide and carbon monoxide

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY** Low order of acute toxicity.

## 12. ECOLOGICAL INFORMATION

**MOBILITY:** Non volatile. The product is poorly absorbed onto soils or sediments.  
**PERSISTENCE & DEGRADABILITY:** Only slightly biodegradable.  
**BIO-ACCUMULATION:** Product is not expected to bio-accumulate.

## 13. DISPOSAL RECOMMENDATIONS

**PRODUCT DISPOSAL:** Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations.

## 14. TRANSPORT INFORMATION

**UN CLASS:** Not classified.  
**ADR/RID – CLASS:** Not classified.  
**IMDG – CLASS:** Not classified.  
**IATA – CLASS:** Not classified.

## 15. REGULATORY INFORMATION

**HAZARD SYMBOLS:** No significant hazard.  
**R PHRASES:** NONE.  
**S PHRASES:** NONE.

## 16. OTHER INFORMATION

**PRODUCT USE:** For industrial use only. Lubricant.

EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to Dangerous Preparations Directive – 2001/58/EC. EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations.

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, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.