

CHEMODEX LIMITED

SAFETY DATA SHEET

SDS issue 5 – August 2015

Section 1. IDENTIFICATION

1.1 PRODUCT IDENTIFIER Lithium EP2 BS GREASE
0251/0156

1.2 RELEVANT IDENTIFIED USE OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST As an Industrial Lubricant

1.3 DETAILS OF THE SUPPLIER OF THE SDS CHEMODEX LIMITED
CANAL ROAD
WORKSOP
NOTTINGHAMSHIRE
S802EH
01909 473301

1.4 EMERGENCY TELEPHONE NUMBER Emergency Tel: 01909 473301 (Monday – Friday 9.00 – 17.00 hrs GMT)
e-mail : sales@chemodex.co.uk

Section 2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE MIXTURE Not Classified
CLASSIFICATION ACCORDING TO DIRECTIVE 67/584EEC Not Classified
CLASSIFICATION ACCORDING TO DIRECTIVE 1272/2008 (GHS/CLP) Not Classified

2.2 LABEL REQUIREMENTS

HAZARD PICTOGRAMS N/A
SIGNAL WORD N/A
HAZARD STATEMENT N/A

PRECAUTIONARY STATEMENTS

PREVENTION N/A
RESPONSE N/A
STORAGE N/A
DISPOSAL N/A

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 HAZARDOUS INGREDIENTS: Not Classified
Blend of mineral oils with multifunctional additives

Ingredients	%	CAS	REACH	Classification Regulation (EC) No 1272/2008 [CLP]
Phosphorodithioic acid,mixed O,O-bis(2-ethylhexyl) and iso-Bu and iso-Pr) esters, zinc salts	<1.5	85940-28-9	01-211952121-61	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411

The Mineral oil contains less than 3 % DMSO extract as measured by IP 346.

Section 4. FIRST AID MEASURES

4.1 DESCRIPTION OF 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.
No ill effects.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED IF NECESSARY: Eye Contact: immediately washout with plenty of water.

Section 5. FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA: Use water Spray to cool containers. Use foam, dry chemical, carbon dioxide 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: Refer to section 8 for personal protection details.

6.2 ENVIRONMENTAL PRECAUTIONS Do not pour grease directly into the Main drains or water course.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP SPILLAGES: Transfer into suitable containers for recovery or disposal.

Section 7. HANDLING AND STORAGE

7.1 PRECAUTION FOR SAFE HANDLING: Avoid direct contact with the substance.

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7.2 CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES: Store in cool well ventilated area.

7.3 SPECIFIC END USES: Industrial lubricant

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 PROTECTIVE EQUIPMENT:



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

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Smooth Grease
COLOUR: Grey / Black
ODOUR: Odourless.
PH: Neutral
MELTING POINT (°C): >185
FLASH POINT (PMCC) (°C): >200
FLAMMABILITY: >200
UPPER/LOWER FLAMMABILITY RATES: No data
VAPOUR PRESSURE (MBAR@20°C): No data
VAPOUR DENSITY: No data
RELATIVE DENSITY (Kg/L): 0.82 - 0.85
SOLUBILITY IN OIL: Soluble.
SOLUBILITY IN WATER (KG/m³): Insoluble.
AUTO IGNITION TEMPERATURE (°C): >200
DECOMPOSITION TEMPERATURE (°C): No data
VISCOSITY: No data

Section 10. STABILITY AND REACTIVITY

10.1 REACTIVITY: No dangerous reactions known.
10.2 CHEMICAL STABILITY: Stable under normal conditions.
10.3 POSSIBILITY OF HAZARDOUS REACTIONS: None known.
10.4 CONDITIONS TO AVOID: Heat.
10.5 MATERIALS TO AVOID: Strong oxidising agents.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS: Combustion will generate: smoke, carbon dioxide and carbon monoxide.

Section 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: No Toxic components.
CORROSIVITY/IRRITATION: Non Irritating to skin/eye/respiratory track.
SENSITISATION: No Evidence of Sensitisation.
REPEAT DOSE TOXICITY: No Evidence.
MUTAGENICITY: No Evidence.
CARCINOGENICITY: No Evidence.
REPRODUCTIVE TOXICITY: No Evidence.

Section 12. ECOLOGICAL INFORMATION

12.1 TOXICITY: Not Classified.
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.
12.5 RESULTS OF PBT OR vPvB ASSESSMENT: Not present.

Section 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.
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

UN CLASS: Not Classified.
ADR/RID – CLASS: Not Classified.

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IMDG – CLASS: Not Classified.

IATA – CLASS: Not Classified.

Section 15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL
REGULATIONS/LEGISLATION SPECIFIC FOR THE
SUBSTANCE OR MIXTURE:

Supply regulations: classified as non-Hazardous under DPD/GHS/GLP criteria.
Transport regulations classified as non-hazardous under ADR/RID/IMDG/ICAO/IATA.

Section 16. OTHER INFORMATION

PRODUCT USE: For industrial use only. Lubricant.

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.