

## MATERIAL SAFETY DATA SHEET

### 1. Product and company identification

Product name:	Lithium EP 1 Grease
Product use:	Grease, Industrial and Automotive Lubricant
Manufacturer :	Standard Greases & Specialities Pvt. Ltd. 82/2, Khadoli, Silvassa, Dadra & NH (U.T.)
Telephone:	0260 25013641
FAX :	0260 2501 0384
Emergency phone numbers in India:	022- 25013641-46

### 2. Hazard Identification

This material is not considered to be hazardous according to regulatory guidelines.

Adverse human health effects: Under normal conditions of use, the mineral oils and ingredients used in this product present no risk of acute intoxication.

The product contains no eye or skin irritants and is not considered to be allergenic.

### 3. Composition / Information on ingredients

Ingredient	CAS NO	WEIGHT%
Base Oil-Highly refined	varies	80-90
Additive package	Mixture (Trade secret)	10-20

### 4. First – Aid Measures

Inhalation: Remove the person to fresh air. Get medical attention.

Skin Contact: Wash the affected area repeatedly with soap and water.

Eye Contact: Keep eyes open and rinse immediately and repeatedly with water for at least 15 minutes and consult a specialist.

Ingestion: Do not induce vomiting

### 5. Fire- Fighting Measures

Fire extinguishers suitable : Foam, CO2 & powder

Not suitable :Water under strong pencil like jet forbidden

Fire fighter protection: An insulated breathing apparatus must be worn to fight fires.

## 6. Accidental Release Measures

### Spill Management

Land Spill: Contain any spill with absorbents to prevent migration and entry into sewers. Take up small spills with dry chemical absorbent. Large spills may be taken up with pump or vacuum.

Water spills: Confine the spills immediately. Stop leaks. Report spills to appropriate authority

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product has caused environmental pollution.

Large spills should be disposed of via a licensed waste disposal contractor.

## 7. Handling and Storage

Handling: Avoid contact with skin. Prevent spills and leaks

Storage: Keep containers clearly labeled and closed when not in use

## 8. Exposure Controls / Personal Protection

Hand protection: Impermeable hydrocarbon-proof gloves

Eye Protection Goggles, in case of splashing

Skin and body protection : As required , wear a face mask, hydrocarbon-proof clothing, and safety boots ( when handling drums )

Industrial hygiene: Avoid prolonged and repeated contact with the skin.

If the product comes into contact with the skin, wash the affected area immediately and repeatedly with soap and water.

Use no abrasives, solvents or petroleum spirit.

If the product comes into contact with the eyes, keep eyes open and rinse immediately and repeatedly with water for at least 15 minutes, and consult a specialist.

## 9. Physical and Chemical Properties

Appearance:	Smooth & Homogeneous
Color:	Yellowish Brown
Odor:	Characteristic
PH:	Not applicable
Drop Point:	> 180° C
Flash Point:	NA
Auto-ignition temperature	>250 C
Explosion limits:	Not applicable
Solubility in water:	Insoluble and immiscible
Solubility in organic solvents:	Soluble in many common solvents
Penetration: (60 strokes@25 C) :	310-340

## 10. Stability and Reactivity

Stability: The product is stable under normal temperature & pressure

Conditions to avoid: Excessive Heat, source of ignition

Materials to avoid: Strong oxidizing agents, heat, open fire

Dangerous decomposition products: Incomplete combustion and thermal decomposition may produce products more or less toxic gases such as CO, CO<sub>2</sub>, various hydrocarbons, aldehydes & soot

## 11. Toxicological Information

Product:	No data is specifically available.
Inhalation:	Risk is improbable under normal conditions of use
Contact with the skin:	Not irritating
Ingestion:	Not irritating

## 12. Ecological Information

Ground : Given is physical and chemical characteristics, the product generally shows little mobility in the ground

Water : The product is insoluble ; it floats on water

Persistence and degradability: Experimental data on the finished product are not available

Ecotoxicity : Material not expected to be harmful to aquatic organisms.

**13. Disposal Information**

Waste Disposal: The only method authorized in India is collection by an authorized waste contractor and regeneration or incineration in an approved installation.

Disposal methods: Transmit to an authorized waste contractor for disposal

**14. Transport Information**

Not classified as hazardous for transport.

**15. Regulatory Information**

OSHA Hazard communication standard: When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200

**16. Other Information**

Date of current version: 17/12/2012

“This Safety Data Sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of our knowledge at the data indicated here above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk.