



# MATERIAL SAFETY DATA SHEET

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Revised Edition No. 6  
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Supersedes: Edition 5

## LITHPLEX EPM (Part number: BL-11017)

### 1. IDENTIFICATION OF THE SUBSTANCE/ USE/ COMPANY DETAILS

**Trade Name:** LITHPLEX EPM  
**Company Identification:** Brit-Lube Limited  
Units 2&3 Mayfield Industrial Estate  
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Irlam  
Manchester, M44 6GD  
Tel: +44(0)161 777 9970  
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[info@brit-lube.com](mailto:info@brit-lube.com)  
**Type of product:** Grease  
**Use:** Lubricant

### 2. HAZARDS IDENTIFICATION

**Symptoms relating to use:** Not classified as Hazardous

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**HAZARDOUS INGREDIENTS:** Zinc Dialkyldithiophosphate 2.5 % CAS No 68649-42-3



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### 4. FIRST AID MEASURES

**Inhalation** Use in a well ventilated area.  
**Skin Contact** Wash skin thoroughly with mild soap and water.  
**Eye Contact** Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.

### 5. FIRE FIGHTING MEASURES

**Prevention** Do not expose to naked flames or fire. No smoking.  
**Extinguishing Media** Foam, Powder, Sand  
- **Unsuitable extinguishing media** Do not use high pressure water  
**Surrounding Fires** Use water spray to cool containers  
**Specific Hazards** Under fire conditions, hazardous fumes will be present  
**Protection for Fire-Fighters** Do not enter fire area without Proper Protective Equipment, including respiratory equipment.

**Special procedures**

Exercise caution when entering any lubricant or chemical fire.

**6. ACCIDENTAL RELEASE MEASURES**

<b>General Precautions</b>	May be slippery if spilled. Remove from ignition sources. Do not breath fumes or vapours from decomposition.
<b>Personal Precautions</b>	Avoid contact with skin and eyes. No Smoking. Clean up crews should wear proper Proper Protective Equipment.
<b>Environmental Precautions</b>	Prevent entry to sewers and public water ways. Notify authorities if product enters sewers or public waters
<b>Clean up methods</b>	Collect spill and put in appropriate container.

**7. HANDLING AND STORAGE**

<b>GENERAL</b>	Ensure there is adequate ventilation. Avoid all unnecessary exposure to naked flames or potential fire risks. No Smoking.
<b>STORAGE</b>	Store in tightly sealed containers, away from heat, sparks, open flames. Store in cool, dry well ventilated areas.
<b>HANDLING</b>	Ensure prompt removal from eyes, skin, clothing. Wash hands and other exposed areas with mild soap and water before you eat, drink or smoke, leave work. Keep away from food, drink. Keep out of reach of children.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****PERSONAL PROTECTION**

<b>Respiratory Protection</b>	No special respiratory protection equipment is recommended under normal conditions of use, if used with adequate ventilation.
<b>Hand Protection</b>	Wear Barrier Cream, if repeated or prolonged contact wear protective clothes
<b>Skin Protection</b>	In the case of possible repeated skin contact wear protective clothing
<b>Eye Protection</b>	Eye protection is only necessary where liquid could be splashed or sprayed
<b>Ingestion</b>	When using do not eat, drink or smoke

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state at 20°C</b>	Adhesive Grease
<b>Colour</b>	Grey/ Black
<b>Odour</b>	Characteristic
<b>pH value</b>	Not applicable
<b>Solubility in Water (vol/vol)</b>	Material insoluble in water
<b>Drop point</b>	>220°C
<b>Flash Point</b>	>200°C

**10. STABILITY AND REACTIVITY**

<b>Hazardous decomposition products</b>	Combustion will generate smoke, carbon monoxide, carbon dioxide
<b>Hazardous reactions</b>	None under normal conditions.
<b>Hazardous properties</b>	None under normal conditions.
<b>Materials to avoid</b>	Strong oxidizing agents.
<b>Conditions to avoid</b>	Naked flames, fires.

## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation</b>	Not expected to prevent a significant inhalation hazard under anticipated conditions of normal use. Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation.
<b>Dermal</b>	Repeated or prolonged exposure may have a defatting effect or cause dermatitis.
<b>Ocular</b>	Redness, pain may occur.

## 12. ECOLOGICAL INFORMATION

<b>On Product</b>	Prevent entry to sewers and public water ways.
<b>Ecological Effects</b>	Not soluble in water, so only minimally bio-degradable

## 13. DISPOSAL CONSIDERATIONS

<b>General</b>	Dispose of in a safe manner in accordance with local/national regulations
<b>Disposal method</b>	In accordance with local/national regulations may be taken to waste disposal site.
<b>Disposal of used packaging</b>	Use a licensed waste disposal contractor.

## 14. TRANSPORT INFORMATION

<b>General Information</b>	Not classified including: UN Class, ADR RID Class, IMDG Class, IATA Class
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## 15. REGULATORY INFORMATION

<b>Symbol(s)</b>	None
<b>R Phrase(s)</b>	None
<b>S Phrase(s)</b>	None

## 16. OTHER INFORMATION

<b>Product Use:</b>	For Industrial use only. Lubricant
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The contents and format are in accordance with the following directives:

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

### DISCLAIMER OF LIABILITY:

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. The conditions of handling, storage, use or disposal of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim any liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. This MSDS was prepared solely for the product stated and should not be used for any other product.

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