

SAFETY DATA SHEET
GLOBAL LITHIUM L2 MOLY EP
10130 1.00 GB Current 21.06.1997

SAFETY DATA SHEET Ref No. 10130

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	GLOBAL LITHIUM L2 MOLY EP
Manufacturer/Supplier	Global Lubricants Limited
Address	7 Sandwell Business Development Centre, Oldbury Rd, Smethwick, West Midlands, B66 1NN, England.
Phone Number	+44 (0)121 544 3638
Fax Number	+44 (0) 121 544 6505
Emergency Phone Number	+44 (0) 7710 754382

2. COMPOSITION/INFORMATION ON THE COMPONENTS

General	Mineral oil thickened with mixed soaps and containing performance enhancing additives including solid film lubricants.
Hazardous Ingredients	None
R & S Phrases	N/A
Concentration	N/A

3. HAZARD IDENTIFICATION

This product is not classified as hazardous under current UK Health & Safety and Environmental Legislation when used in the application for which it is intended.

Pressure Injection: Injection of all products will cause severe internal damage if not promptly treated.

Special Hazards of Product After Use: No potentially hazardous components to consider.

4. FIRST AID MEASURES

First Aid - Eyes Flush eyes thoroughly with copious amounts of water until irritation subsides. If irritation persists obtain medical attention.

First Aid - Skin Wash with large amounts of water, using soap if available.

First Aid - Ingestion Not expected to be a problem. If swallowed do not induce vomiting if uncomfortable, seek medical advice.

First Aid – Inhalation Vapour pressure of this material is low. Inhalation under normal conditions is not usually a problem.

Pressure Injection: Always obtain immediate medical attention. Even though the injury may appear minor.

5. FIRE FIGHTING MEASURES

Extinguishing media	Foam, dry chemical powder, CO ₂ ,
Flammability	Non-Flammable.
Flash point °C	>150
Products of combustion	Carbon, oxides of carbon, zinc and molybdenum

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Spilt product presents a significant hazard. Avoid exposure of the product to sources of ignition.
Environmental precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak up with inert absorbent or contain and remove by best available means.

7. HANDLING AND STORAGE

Handling	Keep containers closed when not in use. Prevent slip hazards.
Storage	Store 0-40°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Industrial hygiene	Good personal hygiene practises should be followed.
Inhalation	No special respiratory protection is required under normal conditions of use. .
Skin	Use barrier cream, wear gloves and overalls if there is a possibility of prolonged skin contact.
Eyes	Wear safety glasses if there is a risk of possible eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Grey / Black grease
Flash Point	Above 150°C
Solubility in Water	Insoluble
Specific Gravity @ 20°C	<1
Flammability limit	N/E
Boiling point range	310°C min
Vapour pressure @ 20°C	Below 0.1 mm Hg
Kinematic viscosity @ 40°C	N/A
Odour	None
pH	N/A
UEL	N/E
Vapour density (air=1)	N/E
Pour / Melting Point (°C)	150 min

10. STABILITY AND REACTIVITY

Thermal	Stable.
Light	Stable.
Materials to avoid	Extreme heat, incompatible with strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the products components. Estimated oral LD50 Rat > 2g/kg

Health Effects On:

Eyes:	May cause transient irritation
Skin:	Unlikely to cause harm on brief or occasional contact.
Inhalation:	Low volatility makes inhalation unlikely at ambient temperatures.
Ingestion:	May cause nausea, vomiting and diarrhoea.
Chronic:	Repeated and prolonged skin contact may lead to skin disorders.
Other:	Products which have become contaminated in use or from external sources may present more serious health effects.

12. ECOLOGICAL INFORMATION

Biodegradability N/E

**Chemical oxygen demand
(mg O₂/litre)** N/E

Lubricating greases are inherently but not readily biodegradable.

13. DISPOSAL

Place used and contaminated materials / packaging in suitable containers. Dispose of the controlled waste in accordance with duty of care (Environmental Protection Act 1990 – Section 34(7)) using a licensed waste disposal company.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

UN Number:	None
Shipping name:	N/A
IMO Class	N/A
ADR/RID:	N/A
Packaging Group	N/A
Marine Pollutant	No
ICAO/IATA	N/A

15. REGULATORY INFORMATION

Hazard Label data	This product is not classified as dangerous for supply in the UK.
EC Directives	Framework Waste Directive 91/156/EEC Waste Oil Directive 87/101/EEC
Statutory Instruments	The Health & Safety at Work Act 1974 Consumer Protection Act 1987 Environmental Protection Act 1990 Control of Substances Hazardous to Health Regs 1988 The Chemicals (Hazard Information and Packaging for Supply) Regs 1996

16. OTHER INFORMATION

The data and advise given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give risks not mentioned in this sheet. You should not use the product other than for the stated application without seeking advise from us.

If you have purchased the product for supply to a third party for use at work it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of the hazard described in this sheet and of any precautions which should be taken.

Approved codes of practice: Waste Management, The duty of care.

Guidance Notes: Occupational Skin Diseases: Health & Safety Precautions (EH26)
Occupational Exposure Limits (EH40)
The Carcinogenicity of Mineral Oils (EH58)
Skin Cancer Caused by Oil (MS (B)S)
Save Your Skin – Occupational Contact Dermatitis (MS (B) 6)
Dermatitis – Cautionary Notice (SHW367)
Effects of mineral Oil On The Skin (SHW397)