

SECTION 1: Product and company identification**1.1 Product identifier**

Trade name: LITHIUM GREASE EP2

Article number: TG8404

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC24: Lubricants, greases, release products.

1.3 Details of the supplier of the safety data sheetManufacturer/Supplier: CMT Equipment Ltd
Riverbridge House,
Anchor Boulevard,
Dartford, DA2 6SL,
Kent,
United Kingdom

Further information obtainable from: Tel +44 (0) 208 311 1144

Email compliance@cmt.co.uk

1.4 Emergency telephone number:

Technical Department

SECTION 2: Hazard Identification Tel +44 (0) 1294 311 066

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.

SECTION 3: Composition / Information on ingredients

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

SECTION 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

SECTION 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

SECTION 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.

SECTION 7: Handling and Storage

Handling: Avoid contact with skin. Prevent spills and leaks

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

SECTION 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.

SECTION 9: Physical and Chemical Properties

Appearance:	Smooth & Homogeneous
Colour:	Yellowish
Order:	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)	220-350

SECTION 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, CO₂, various hydrocarbons, aldehydes & soot.

SECTION 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

SECTION 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.

SECTION 13: Disposal Information

Waste Disposal: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal methods: Transmit to an authorized waste contractor for disposal..

SECTION 14: Transport Information

Not classified as hazardous for transport.

SECTION 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

SECTION 16: Other Information

"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.