

MATERIAL SAFETY DATA SHEET

1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name: Moly Petrolatum
Chemical Family: Petroleum based lubricating grease.
Use: Equipment Lubrication.

Manufacturer/Supplier: JET-LUBE (UK) LIMITED
Address: Reform Road, Maidenhead, Berkshire, SL6 8BY, UK
Telephone: 01628 631913 **Fax:** 01628 773138
Emergency Telephone: 07919 488301

2 HAZARDS IDENTIFICATION

Main Hazards - Health Effects

Eyes: May cause irritation
Skin: Possible rash for persons with sensitivity.
Inhalation: Viscous nature may block breathing passages if inhaled.
Ingestion: May cause diarrhoea.
Environmental hazards: Toxic to aquatic organisms. May cause long-term effects in the aquatic environment.

3) COMPOSITION/INFORMATION OF INGREDIENTS

Hazardous Components	CAS No	WT%	OSHA PEL	ACGIH TLV	Other
Petroleum jelly	100684-33-1	50	5mg/m ³ (Oil mist)	5mg/m ³	
Molybdenum disulphide	317-33-5	50	15mg/m ³ (Dust)	10mg/m ³	

4) FIRST AID MEASURES

Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help.
Skin: Wash thoroughly with hand cleanser, followed by soap & water. All contaminated clothing should be dry cleaned before reuse.
Inhalation: Clear air passage and seek medical help, if respiratory difficulty continues.
Ingestion: Consult physician.

5) FIRE FIGHTING MEASURES

Extinguishing Media: Foam, dry powder, carbon dioxide, sand, earth or water mist.
Unsuitable Extinguishing Media: Water jet.
Protective Equipment for Fire-fighting: Self-contained breathing apparatus.

6) ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear gloves & protective overalls.
Environmental Precautions: Do not allow into drains or watercourses.
Spillage: Scrape up bulk, then pick up residue with diatomaceous earth or sand to avoid a walking hazard.

7) HANDLING AND STORAGE

Handling: No special handling precautions necessary.
Storage: Do not store at elevated temperatures.

8) EXPOSURE CONTROL/PERSONAL PROTECTION

Hand Protection: Protective gloves for sensitive persons.
Eye Protection: Glasses, if applied to moving parts in motion.
Body Protection: Overalls.
Respiratory Protection: None needed.

9) PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Semi solid (paste) **Colour:** Grey **Odour:** Mild Petroleum
Boiling Range/Point (°C): >316 **Melting Point (°C):** 56
Flash Point (PMCC) (°C): 249 **Autoignition Temp (°C):** 260
Explosive Properties: LEL: 0.9% UEL: 7%
Evaporation Rate (Butyl Acetate): <0.01 **Partition Coefficient (Log Pow):** Not applicable
Vapour Pressure: <0.01 **Density (Kg/dm³):** 1.46
Percent Volatiles: Nil. **Flammability:** Not flammable at ambient temperature.
Oxidising Properties: None **Solubility in Water:** Virtually Insoluble. **Vapour Density:** >5

10) STABILITY AND REACTIVITY

Stability: Chemically stable under normal conditions.
Conditions to Avoid: Powerful sources of ignition and extreme temperatures.
Materials to Avoid: Strong inorganic & organic acids & oxidising agents.
Hazardous Decomposition Products: Burning generates smokes, airborne soot, hydrocarbons and oxides of carbon, nitrogen and sulphur.

11) TOXICOLOGICAL INFORMATION

Acute Toxicity: Not known. **Subacute/Sub-chronic Toxicity:** Not known. **Chronic Toxicity:** None known. **Irritancy-Skin:** Very Mild. **Skin Sensitisation:** Not known. **Carcinogen:** NTP: No. **IARC:** No. **OSHA:** No. **EC Classification (67/548/EEC):** No **LC-50:** >2000mg/kg (extrapolated from component data). **LD-50:** N/A. **Genotoxicity:** None known.

12) ECOLOGICAL INFORMATION

Possible Effects: Could act as a marine pollutant in extreme cases.
Behaviour: Bioaccumulation potential nil.
Environmental Fate: Not known to pose any hazard

13) DISPOSAL CONSIDERATIONS

Product Disposal: Do not incinerate. Contact waste disposal company or local authority for advice.
Container Disposal: Pails- see Product Disposal

14) TRANSPORT INFORMATION

Not classified for transport

15) REGULATORY INFORMATION

Labelling information: None
EC Annex 1 classification: Not applicable.
R phrases: R22 harmful if swallowed

16) OTHER INFORMATION

Date of Original Issue: November 10th 1999 **Date of this Revision:** 23rd Oct 2008
Revision No: 2BR **Revised Sections:** 1(tel), 16 (disclaimer)
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