

# MATERIAL SAFETY DATA SHEET

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

**Product Name:** MARINE MOLY  
**Chemical Family:** 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:** For sensitive persons, may irritate the skin after prolonged periods of contact.  
**Inhalation:** Viscous nature may block breathing passages, if inhaled.  
**Ingestion:** May cause diarrhoea.

## 3) COMPOSITION/INFORMATION OF INGREDIENTS

Hazardous Components	CAS No	WT%	OSHA PEL	ACGIH TLV	Other
Lubricating grease	74869-21-9	85-90	5mg/m <sup>3</sup> (Oil mist)		DMSO to IP346<3%
Molybdenum Disulphide	317-33-5	10-15	15mg/m <sup>3</sup> (Dust)		

## 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 and water. Contaminated clothing should be dry cleaned before reuse.  
**Inhalation:** Clear air passage. If respiratory difficulty continues, seek medical help.  
**Ingestion:** Do not induce vomiting. Seek medical help and show this label.

## 5) FIRE FIGHTING MEASURES

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

## 6) ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear gloves and protective overalls.  
**Environmental Precautions:** Do not allow it to enter drains or watercourses.  
**Spillage:** Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, soak up remaining residue with diatomaceous earth or sand.

## 7) HANDLING AND STORAGE

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

## 8) EXPOSURE CONTROL/PERSONAL PROTECTION

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

## 9) PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Semisolid paste  
**Boiling Range/Point (°C):** 371  
**Flash Point (PMCC) (°C):** 293  
**Explosive Properties:** LEL: 0.9% UEL: 7%  
**Partition Coefficient (Log Pow):** N/A  
**Percent Volatiles:** Nil  
**Oxidising Properties:** None

**Colour:** Black  
**Melting Point (°C):** NA  
**Autoignition Temp (°C):** 360  
**Evaporation Rate (Butyl Acetate):** <0.01  
**Vapour Pressure:** <0.01  
**Flammability:** Not flammable at ambient temperature.  
**Solubility in Water:** Slight, not readily soluble

**pH:** Neutral  
**Density (kg/dm<sup>3</sup>):** 1.35  
**OAR Value:** N/A  
**Vapour Density:** >5

## 10) STABILITY AND REACTIVITY

**Stability:** Chemically stable under normal conditions. No photoreactive agents.  
**Conditions to Avoid:** Powerful sources of ignition and extreme temperatures.  
**Materials to Avoid:** Strong inorganic and organic acids, oxidising agents.  
**Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon. Residue mainly comprised of soot and metal oxides.

## 11) TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Not known.  
**Subacute/Sub-chronic Toxicity:** Not known.  
**Chronic Toxicity:** None known.  
**Carcinogen:** NTP: No. IARC: No. OSHA: No.  
**LC-50:** >2000mg/kg-extrapolated from component data.

**Irritancy-Skin:** Very mild.  
**Subacute/Sub-chronic Toxicity:** Not known.  
**Chronic Toxicity:** None known.  
**IARC:** No. OSHA: No.

**Skin Sensitisation:** Not known.  
**Genotoxicity:** None known.  
**Allergens:** None Known.  
**EC Classification (67/548/EEC):** No.  
**LD-50:** Not applicable.

## 12) ECOLOGICAL INFORMATION

**Possible Effects:** In extreme case may generate oil fractions that could act as a marine pollutant. Occurrences of this nature are highly unlikely.  
**Behaviour:** Relatively well behaved. Bioaccumulation potential nil.  
**Environmental Fate:** Highly unlikely to cause widespread contamination. Non toxic to marine or land organisms.

## 13) DISPOSAL CONSIDERATIONS

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

## 14) TRANSPORT INFORMATION

Not classified as hazardous for transport.

## 15) REGULATORY INFORMATION

**Labelling Information:** None needed  
**R Phrases:** R22 Harmful if swallowed  
**S Phrases:** S45 In case of accident or if you feel unwell, seek medical help and show this label.

**EC Annex 1 Class:** NA  
**TSCA:** All components as listed.

## 16) OTHER INFORMATION

**Date of Original Issue:** 30th May 2005  
**Revision No:** 2BR

**Date of this Revision:** 20th Nov 2008  
**Revised Sections:** 1 tel, 16 disclaimer

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