

# MATERIAL SAFETY DATA SHEET

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

**Product Name:** 202 MOLY-LITH  
**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:** 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	90-95	5mg/m <sup>3</sup> ( Oil mist )		DMSO to IP346<3%
Molybdenum Disulphide	7440-50-8	4-6	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 than cleanser, followed by soap & 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 attention immediately and show this label.

## 5) FIRE FIGHTING MEASURES

**Extinguishing Media:** Foam, dry powder, carbon dioxide, sand earth & water mist.  
**Unsuitable Exting. 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 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 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 parts in motion.  
**Body Protection:** Overalls.  
**Respiratory Protection:** None needed.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Semisolid paste  
**Boiling Range/Point (°C):** 316  
**Flash Point (PMCC) (°C):** 221  
**Explosive Properties:** LEL: 0.9% UEL: 7%  
**Vapour Pressure:** <0.01  
**Flammability:** Not flammable at ambient temperature.  
**Oxidising Properties:** None

**Colour:** Opaque Black  
**Melting Point (°C):** 199 typical  
**Autoignition Temp (°C):** 260  
**Evaporation Rate (Butyl Acetate):** <0.01  
**Density (Kg/dm<sup>3</sup>):** 0.91  
**Percent Volatiles:** Nil  
**Solubility in Water:** Slight, not readily soluble  
**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 and organic acids, oxidising agents.  
**Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulphur and nitrogen. Residue mainly comprised of soot & mineral oxides.

## 11) TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Not known..  
**Irritancy-Skin:** Very mild,  
**Subacute/Sub-chronic Toxicity:** Not known.  
**Chronic Toxicity:** None known  
**Carcinogen:** NTP: No IARC: No  
**Genotoxicity:** None known.  
**EC Classification (67/548/EEC):** No.  
**LC-50:** >2000mg/l - extrapolated from component data (Mysidopsis Bahia)  
**LD-50:** No applicable

## 12) ECOLOGICAL INFORMATION

**Possible Effects:** In extreme cases may generate oil fractions that could acts as a marine pollutant. Occurrences of this nature are highly unlikely.  
**Behaviour:** Bioaccumulation potential nil.  
**Environmental Fate:** Highly unlikely to cause widespread contamination. Nontoxic to marine or land organisms.

## 13) DISPOSAL CONSIDERATIONS

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

## 14) TRANSPORT INFORMATION

Not classified as hazardous for transport.

## 15) REGULATORY INFORMATION

**Labelling Information:** None needed.  
**EC Annex 1 Classification:** Not applicable.  
**R phrases.** R22 Harmful if swallowed  
**S phrases.** S 45 In case of accident or if you feel unwell, seek medical advice immediately. (Show the label where possible.)

## 16) OTHER INFORMATION

**Date of Original Issue:** 11:01:2005  
**Revision No:** 3BR  
**Date of this Revision:** 10th Nov 2008  
**Revised Sections:** 16 disclaimer

The information in this safety data sheet has been prepared with due care and is true and accurate to the best of our knowledge. Jet-lube UK shall not be held responsible for the suitability of this information for the user's intended purposes or the consequences of such use, and shall not be liable for any damage or loss, howsoever arising, direct or otherwise.