

MATERIAL SAFETY DATA SHEET

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

Product Name: MP-50™ **Manufacturer/Supplier:** JET-LUBE (UK) LIMITED
Chemical Family: Petroleum based lubricating paste **Address:** Reform Road, Maidenhead, Berkshire,
Use: Extreme pressure lubricant 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	40-60	5mg/m ³ (Oil mist)	10mg/m ³	DMSO to IP136<3%
Molybdenum disulphide	1317-33-5	40-60	15mg/m ³ (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 continues seek medical help.
Ingestion: Do not induce vomiting. Seek medical attention immediately.

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 & protective overalls.
Environmental Precautions: Do not allow it to enter drains or watercourses.
Spillage: Scrape up, 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: Semi solid paste **Colour:** Opaque Black **Odour:** Petroleum **Ph:** Neutral
Boiling Range/Point (°C): 316°C **Melting Point (°C):** None
Flash Point (PMCC) (°C): 221°C **Autoignition Temp (°C):** 260°C
Explosive Properties: LEL: 0.9%UEL: 7%
Evaporation Rate (Butyl Acetate): <0.01
Vapour Pressure: <0.01 **Density (Kg/dm³):** 1.40
Percent Volatiles: Nil **Flammability:** Not flammable at ambient temperature
Oxidising Properties: None **Solubility in Water:** Nil **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 & organic acids, oxidizing agents.
Hazardous Decomposition Products: Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulphur and nitrogen. Residue mainly comprised of soot and mineral oxides.

11) TOXICOLOGICAL INFORMATION

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

12) ECOLOGICAL INFORMATION

Possible Effects: In extreme cases, may generate oil fractions that could act as a marine pollutant. Occurrences of this nature are highly unlikely.
Behaviour: Bioaccumulation potential nil.
Environmental Fate: This product will not float or spread across water. Non toxic to marine or land organisms.

13) DISPOSAL CONSIDERATIONS

Product Disposal: Don't incinerate. Contact waste disposal company/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
R Phrases: R22 Harmful if swallowed
S Phrases: S45 In case of accident or if you feel unwell, seek medical advice and show this label.

16) OTHER INFORMATION

Date of Original Issue: 3rd February 1998 **Date of this Revision:** 10th Nov 2008
Revision No: 2BR **Revised Sections:** 1 tel 16 disclaimer.

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