

MATERIAL SAFETY DATA SHEET

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

Product Name: MARINE MP
Chemical Family: Lubricating grease.
Use: Equipment Lubrication.

Manufacturer/Supplier: JET-LUBE (UK) LIMITED
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SL6 8BY, UK
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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	EC No	WT%	OSHA PEL	ACGIH TLV	Other
Lubricating grease	74869-21-9	278-011-7	90-95	5mg/m ³ (Oil mist)	DMSO to IP346	<3%
Calcium carbonate	471-34-1		5-8	10mg/m ³		

4) FIRST AID MEASURES

Eyes: Flush with until all residual material is gone. If irritation persists, seek medical help.
Skin: Wash thoroughly with hand 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 assistance 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: Semi-solid paste **Colour:** Purple **Odour:** Petroleum **pH:** Neutral
Boiling Range/Point (°C): 371 **Melting Point (°C):** N/A
Flash Point (PMCC) (°C): 293 **Autoignition Temp (°C):** 360
Explosive Properties: LEL: 0.9% **UEL:** 7%
Evaporation Rate (Butyl Acetate): <0.01 **Partition Coefficient (Log Pow):** N/A
Vapour Pressure: <0.01 **Density (Kg/dm³):** 0.91
Percent Volatiles: Nil **Flammability:** Not flammable at ambient temperature.
Oxidising Properties: None **Solubility in Water:** Slight not readily soluble
Vapour Density: >5 **OAR Value:** N/A

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, 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. **Skin Sensitisation:** Not known
Subacute/Sub-chronic Toxicity: Not known. **Genotoxicity:** None known.
Chronic Toxicity: None known. **Allergens:** None Known.
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: Relatively well behaved. Bioaccumulation potential nil.
Environmental Fate: Highly unlikely to cause widespread contamination. Non toxic to marine 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. **EC Annex 1 Class:** NA **TSCA:** All components are listed
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: 17:03:2005 **Date of this Revision:** 20th Nov 2008
Revision No: 3BR **Revised sections:** 1 tel, 16 disclaimer
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