

MATERIAL SAFETY DATA SHEET

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

Product Name: J-75® and J89™ **Manufacturer/Supplier:** JET-LUBE (UK) LIMITED
Chemical Family: Petroleum based thread compound and sealant **Address:** Reform Road,
Maidenhead, Berkshire,
SL6 8BY, UK
Use: Anti-seize for drill rod and other threaded connection compounds.
Telephone: 01628 631913 **Fax:** 01628 773138
Emergency Telephone: 07919 488301

2) HAZARDS IDENTIFICATION

Main Hazards - Health Effects

Eyes: May cause irritation.
Skin: 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	58-65	5mg/m ³ (As mist)	STEL: 10mg/m ³	DMSO IP346<3%
Graphite	7782-42-5	24-27	2mg/m ³ (As dust)	2mg/m ³	
Mica	12001-26-2	10.5-11.5	3mg/m ³ (As dust)		3mg/m ³
Molybdenum disulphide	1317-33-5	3-3.3	15mg/m ³ (As dust)		
Copper Powder	7440-50-8	2.2-3.3	2mg/m ³ (As dust)	STEL: 2mg/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 and water. All contaminated clothing should be dry cleaned before reuse.
Inhalation: Clear air passage and seek medical help, if respiratory difficulty continues.
Ingestion: Do not induce vomiting, consult physician.

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 & pick up remaining residue with diatomaceous earth or sand to avoid 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 hypersensitive 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 **Colour:** Black to Brown **Odour:** Petroleum
Boiling Range/Point (°C): 316 **Melting Point (°C):** 232
Flash Point (PMCC) (°C): 221 **Autoignition Temp (°C):** 260
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):** 1.19
Percent Volatiles: Nil **Flammability:** Not flammable at ambient temperature.
Oxidising Properties: None **Solubility in Water:** Nil
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 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: >1000mg/ (oncorhynchus mykiss) based on assessment from related products. **LD-50:** N/A

12) ECOLOGICAL INFORMATION

Possible Effects: May generate oil fractions that could act as a marine pollutant in extreme cases, but is highly unlikely.
Behaviour: Bioaccumulation potential nil.
Environmental Fate: Highly unlikely to cause widespread contamination.

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 **D.O.T.** Nonhazardous
UN-No: N/A **Road & Rail Transport (ADR/RID):** N/A **Air Transport (ICAO & IATA)** N/A

15) REGULATORY INFORMATION

Labelling Information: None needed **EC Annex 1 Classification:** N/A
R Phrases: R22 Harmful if swallowed **S Phrases:** None applicable as known
Symbols (If Required):

16) OTHER INFORMATION

Date of Issue: 07 August 1996 **Date of this Revision:** 10th Nov 2008
Revision No: 2BR **Revised sections:** 3 comp. 16 disclaimer

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