

MATERIAL SAFETY DATA SHEET

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

Product Name: JET_PLEX™ **Manufacturer/Supplier:** JET-LUBE (UK) LIMITED
Chemical Family: Lithium Complex lubricating grease **Address:** Reform Road, Maidenhead, Berkshire, SL6 8BY, UK
Use: Equipment Lubrication **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	EC No	WT%	OSHA PEL	ACGIH TLV	Other
Lubricating grease	74869-21-9	278-011-7	93-96	5mg/m ³ (Oil Mist)		DMSO to IP346 <3%
EP additive	68649-42-3		1-2	5mg/m ³	5mg/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 & 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 immediately.

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 wip the 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:** Red **Odour:** Petroleum **pH:** Neutral
Boiling Range/Point (°C): UN **Melting Point (°C):** N/A
Flash Point (PMCC) (°C): 221 **Autoignition Temp (°C):** 250
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:** 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 mainly comprised of soot & mineral oxides.

11) TOXICOLOGICAL INFORMATION

Acute Toxicity: Not known **Irritancy-skin:** Very mild. **Skin Sensitization:** 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: None
Behaviour: Relatively well behaved. 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 class:** NA
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.

16) OTHER INFORMATION

Date of Original Issue: 2nd March 2004. **Date of this Revision:** 10th Nov2008
Revision No: 2BR **Revised Sections:** 1 tel ,16 disclaimer

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