

# MATERIAL SAFETY DATA SHEET

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

**Product Name:** AP-1

**Chemical Family:** 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	EC No	WT%	OSHA PEL	ACGIH TLV	Other
Lubricating grease	74869-21-9	278-011-7	90-95	5mg/m <sup>3</sup> (Oil mist)	DMSO to IP346	<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:** Clear Amber **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/dm<sup>3</sup>):** 0.91 **OAR Value:** N/A

**Percent Volatiles:** Nil

**Flammability:** Not flammable at ambient temperature.

**Oxidising Properties:** None **Solubility in Water:** Slight not readily soluble **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, 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:** 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:** 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 **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:** 29<sup>th</sup> August 2007

**Revision No:** 3BR

**Revised sections:** 16 disclaimer.

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