

# MATERIAL SAFETY DATA SHEET

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

**Product Name:** PITLESS ADAPTER LUBE™  
**Chemical Family:** Synthetic and white oil  
**Use:** Assembly lubricant/preservative  
**Aerosol**

**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:** Possible rash for persons with sensitivity.  
**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	ACGHI TLV
White mineral oil	8042-47-5	232-455-8	20-25	5mg/m <sup>3</sup> (As oil mist)	10mg/m <sup>3</sup>
Calcium carbonate	1317-65-3	215-279-6	20-25	15mg/m <sup>3</sup> (As dust)	10mg/m <sup>3</sup>
Hydrocarbon propellant	68476-85-7	270-704-2	20-25	1200ppm	
Talc	14807-96-6	238-877-9	8-10	2mg/m <sup>3</sup> (As dust)	2mg/m <sup>3</sup>
PAO Base oil	68037-01-4	500-183-1	4-6	Not established	

## 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 and seek medical help, if respiratory difficulty continues.  
**Ingestion:** Consult physician.

## 5) FIRE FIGHTING MEASURES

**Extinguishing Media:** Foam, dry powder, carbon dioxide, sand, earth or water mist.  
**Unsuitable Extinguishing 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, pick 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  
**Boiling Range/Point (°C):** 274  
**Flash Point (PMCC) (°C):** -60  
**Explosive Properties:** LEL: 0.9%  
**Partition Coefficient (Log Pow):** N/A  
**Percent Volatiles:** Nil  
**Oxidising Properties:** None

**Colour:** White  
**Melting Point (°C):** 260  
**Autoignition Temp (°C):** 260  
**UEL:** 7.0%  
**Vapour Pressure:** <0.01  
**Flammability:** Flammable  
**Solubility in Water:** Nil

**Odour:** Faint  
**pH:** Neutral  
**Evaporation Rate (Butyl Acetate):** <0.01  
**Density (kg/dm<sup>3</sup>):** 1.12  
**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. Residue mainly comprised of soot and oxides.

## 11) TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Not known.  
**Chronic Toxicity:** None known.  
**Skin Sensitisation:** Not known.  
**Genotoxicity:** None known.  
**Carcinogen:** NTP: No IARC: No.  
**LC-50:** >4000mg/kg (extrapolated from component data).

**Irritancy-Skin:** Very mild.  
**Subacute/Sub-chronic Toxicity:** Not known.  
**EC Classification (67/548/EEC):** None.  
**Allergens:** None known.  
**OSHA:** No.  
**LD-50:** Not applicable.

## 12) ECOLOGICAL INFORMATION

**Possible Effects:** May act as a marine pollutant  
**Behaviour:** Bioaccumulation potential nil.  
**Environmental Fate:** Unlikely to cause notable contamination. Non toxic to marine or land organisms.

## 13) DISPOSAL CONSIDERATIONS

**Product Disposal:** Do not incinerate. Contact waste disposal company or local authority for advice.  
**Container Disposal:** Contact waste disposal company or local authority for advice.

## 14) TRANSPORT INFORMATION

**UN No:** 1950  
**Air Transport (ICAO & IATA):** Class 2.1  
**Road & Rail Transport (ADR/RID):** Class 2.1

**Proper shipping name:** Aerosols, flammable  
**Sea Transport (IMO & IMDG):** Aerosol Class 2.1  
**Packing group:** N/A

## 15) REGULATORY INFORMATION

**Labelling Information:** Extremely flammable liquid N.O.S./Aerosols  
**R Phrases:** R12 Extremely flammable. R20/22 Harmful by inhalation and if swallowed  
R67 Vapours may cause drowsiness and dizziness.  
**S Phrases:** S2 Keep away from children S3 Keep in a cool place.  
S51 Use only in well-ventilated areas.  
**Symbols (If Required):** F, Flame Symbol

## 16) OTHER INFORMATION

**Date of Original Issue:** October 6, 1997  
**Revision No:** 5BR

**Date of this Revision:** 8th Jan 2010  
**Revised sections:** 14 transport, 15 labelling.

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