

MATERIAL SAFETY DATA SHEET

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

Product Name: FOOD GRADE SILICONE
Chemical Family: Silicone fluid in solvent
Use: General purpose lubrication, aerosol dispensed

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) COMPOSITION/INFORMATION OF INGREDIENTS

Hazardous Components	CAS No	WT%	OSHA PEL	ACGHI TLV	Other
Dimethylsiloxane blend	110543/ 63148629	70-80	UN	UN	UN
Hydrocarbon Propellant	68476857	20-30	1000ppm	1000ppm	

3) HAZARDS IDENTIFICATION

Main Hazards - Health Effects

Eyes: May cause irritation.
Skin: Possible rash for people with sensitivity.
Inhalation: Viscous nature may block passages if inhaled.
Ingestion: May cause diarrhoea.

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: 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: Avoid disposal into drains.
Spillage: Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

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: Fluid **Colour:** Clear white **Odour:** Petroleum **pH:** Neutral
Boiling Range/Point (°C): 122 **Melting Point (°C):** NA
Flash Point (PMCC) (°C): >18 **Autoignition Temp (°C):** 260 **Propellant Flash Point °C:** -60
Explosive Properties: LEL: 1.0% UEL: 7% **Evaporation Rate (Butyl Acetate):** >1.6
Partition Coefficient (Log Pow): NA **Vapour Pressure:** 26 **Density (kg/dm³):** 0.73
Percent Volatiles: 90% typ. **Flammability:** Not flammable at ambient temperature.
Oxidising Properties: None **Solubility in Water:** Nil **Vapour Density:** 4.0

10) STABILITY AND REACTIVITY

Stability: Chemically stable under normal conditions. No photo-reactive agents.
Conditions to Avoid: Powerful sources of ignition and extreme temperatures.
Materials to Avoid: Strong inorganic and organic acids, oxidising agents.
Hazardous Decomposition Products: Burning generates smoke, airborne soot, hydrocarbons and oxides of carbons. Residue mainly comprised of soot.

11) TOXICOLOGICAL INFORMATION

Acute Toxicity: Not known. **Irritancy-Skin:** Very mild. **Skin Sensitisation:** Not known.
Subacute/Sub-chronic Toxicity: Not known. **Genotoxicity:** None known. **Allergens:** Not known.
Chronic Toxicity: None known
Carcinogen: NTP: No. **IARC:** No. **OSHA:** No. **EC Classification (67/548/EEC):** No.
LC-50: >4000mg/kg-extrapolated from component data (mysidopsis bahia). **LD-50:** N/A

12) ECOLOGICAL INFORMATION

Possible Effects: None.
Behaviour: Bio-accumulation potential nil.
Environmental Fate: 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: See Product Disposal section above.

14) TRANSPORT INFORMATION

UN No: 1950 **Proper shipping name:** Aerosols, flammable
Air Transport (ICAO & IATA): Class 2.1 **Sea Transport (IMO & IMDG):** Aerosol Class 2.1
Road & Rail Transport (ADR/RID): Class 2.1 **Packing group:** N/A

15) REGULATORY INFORMATION

Labelling Information: Extremely flammable liquid N.O.S./Aerosols **EC Annex 1 Classification:** N/A
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: 15th April 1998 **Date of This Revision:** 8th Jan 2010
Revision Number: 1BR **Revised Sections:** 14 trans, 15 labelling 16 disclaimer

The information in this safety data sheet has been prepared with due care and is true and accurate to the best of our knowledge. Jet-lube UK shall not be held responsible for the suitability of this information for the user's intended purposes or the consequences of such use, and shall not be liable for any damage or loss, howsoever arising, direct or otherwise.