

# MATERIAL SAFETY DATA SHEET

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

**Product Name:** EMS & RUBBER Lubricant™ **Manufacturer/Supplier:** JET-LUBE (UK) LIMITED  
**Chemical Family:** Silicone emulsion, food grade **Address:** Reform Road, Maidenhead, Berkshire,  
**Use:** Equipment lubrication and mould release applications. 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:** May be harmful if inhaled.  
**Ingestion:** May cause diarrhoea.

## 3) COMPOSITION/INFORMATION OF INGREDIENTS

Components	CAS No	WT%	OSHA PEL	ACGHI TLV	Other
Nonhazardous Blend					
Dimethyl siloxane	9016-00-6	15-20	Not established		
Propylene glycol	57-55-6	4-8	Not established		
Balance water					

## 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. Contaminated clothing should be dry cleaned before reuse.  
**Inhalation:** Clear air passages. If respiratory difficulty continues, seek medical help.  
**Ingestion:** Consult physician.

## 5) FIRE FIGHTING MEASURES

**Extinguishing Media:** Foam, dry powder, carbon dioxide, sand, earth and water mist.  
**Unsuitable Exting. Media:** Water jet.  
**Protective Equipment for Fire-fighting:** Self-contained breathing apparatus.

## 6) ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear gloves and protective overalls.  
**Environmental Precautions:** Avoid disposal into 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:** Fluid **Colour:** Translucent water white **Odour:** Mild **pH:** Neutral  
**Boiling Range/Point (°C):** >100 **Melting Point (°C):** <0  
**Flash Point (PMCC) (°C):** None **Autoignition Temp (°C):** None  
**Explosive Properties:** LEL: N/A **UEL:** N/A **Evaporation Rate (Butyl Acetate):** >1

**Percent Volatiles:** UN **Flammability:** Not flammable at ambient temperature **OAR Group:** N/A  
**Oxidising Properties:** None **Solubility in Water:** 100% **Vapour Density:** >1

## 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 and organic acids, oxidising agents.  
**Hazardous Decomposition Products:** Burning generates smoke and oxides of carbon.

## 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:** None 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. **LD-50:** Not applicable.

## 12) ECOLOGICAL INFORMATION

**Possible Effects:** None  
**Behaviour:** 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 jug - see Product Disposal section above.

## 14) TRANSPORT INFORMATION

Not classified as hazardous for transport.

## 15) REGULATORY INFORMATION

**Labelling Information:** None needed. **EC Annex 1 Classification:** Not applicable.  
**R Phrases:** None applicable, as known. **S Phrases:** None applicable, as known.

## 16) OTHER INFORMATION

**Date of Original Issue:** 29th October 1997 **Date of this Revision:** 11<sup>th</sup> Nov 2008  
**Revision No:** 2BR **Revised sections:** 16 disclaimer  
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