

# MATERIAL SAFETY DATA SHEET

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

**Product Name:** Moly-Mist (Aerosol)

**Chemical Family:** Hydrocarbon

**Use:** Dry film coating

**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

**Eyes:** Causes irritation and pain if splashed into the eye

**Skin:** May irritate the skin after prolonged periods of contact

**Inhalation:** May cause dizziness, irritation of nasal passages and eyes in high concentrations

**Ingestion:** May cause diarrhoea

## 3) COMPOSITION/INFORMATION OF INGREDIENTS

Hazardous Components	CAS No	WT%	OSHA PEL	ACGIH TLV
Propanone	67-64-1	38-42	200ppm	200ppm
MEK	78-93-3	23-30	200ppm	200ppm
Hydrocarbon Propellant	68476-85-7	20-25	1000ppm	1000ppm
Xylene	1330-20-7	10-14	100ppm	
Molybdenum disulphide	1317-33-5	2-5	5mg/m <sup>3</sup>	10mg/m <sup>3</sup>

## 4) FIRST AID MEASURES

**Eyes:** Flush with water until all residual material is gone. If irritation persists, seek medical help.

**Skin:** Wash off skin thoroughly and remove contaminated clothing. All contaminated clothing should be dry-cleaned before re-use.

**Inhalation:** Remove from exposure. Seek medical help if breathing difficulty continues.

**Ingestion:** Do not induce vomiting. Seek medical advice.

## 5) FIRE FIGHTING MEASURES

**Extinguishing Media:** Carbon dioxide, foam, dry powder, BCF, 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 and protective overalls.

**Environmental Precautions:** Do not allow into drains

**Spillage:** Use oil absorption granules to absorb the bulk or a rag for small quantities, clean residue with floor cleaner and water. Do not allow run-off into the drains.

## 7) HANDLING AND STORAGE

**Handling:** No special handling precautions necessary.

**Storage:** Do not store at elevated temperatures. Keep container closed and away from direct sunlight and moisture.

## 8) EXPOSURE CONTROL/PERSONAL PROTECTION

**Respiratory Protection:** None needed in well ventilated areas.

**Hand Protection:** Nitrile gloves.

**Eye Protection:** Goggles or face shield if danger of splashing.

**Body Protection:** Chemically resistant apron.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Colour:** Black

**Odour:** Ketone type

**Boiling Range/Point (°C):** >55

**Melting Point (°C):** N/A

**Flash Point (PMCC) (°C):** -20 -60 (propellant)

**Autoignition Temp (°C):** >260

**Explosive Properties:**

**LEL:** 0.9 **UEL:** 7

**Vapour Pressure (kPa):** <185

**Density (Kg/dm<sup>3</sup>):** ~0.92

**Flammability:** Flammable at ambient temperatures

**Oxidising Properties:** None

**Solubility in Water:** Solvent: <75% **Vapour Density:** >2.93

## 10) STABILITY AND REACTIVITY

**Stability:** Possible heat sensitivity

**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 or carbon & sulphur.

## 11) TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Not known **Irritancy-Skin:** None recorded **Skin Sensitisation:** None

recorded **Subacute/Subchronic Toxicity:** Not Known **Genotoxicity:** None Known

**Allergens:** No **Carcinogen:** NTP: No **IARC:** No **OSHA:** No **EC Classification (67/548/EEC):** No

## 12) ECOLOGICAL INFORMATION

Components may act as a marine and/or freshwater pollutant.

Potential for bioaccumulation nil.

## 13) DISPOSAL CONSIDERATIONS

**Product Disposal:** Contact local waste authority for advice

**Container Disposal:** Aerosol can. Contact local waste authority for advice

## 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:** June 11th 1996 **Date of this Revision:** 8<sup>th</sup> Jan 2010

**Revision No:** 3BR

**Revised Sections:** 14, 15 Transport info

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