

MATERIAL SAFETY DATA SHEET

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

Product Name: 769™ (Aerosol) **Manufacturer/Supplier:** JET-LUBE (UK) LIMITED
Chemical Family: Petroleum based lubricating oil **Address:** Reform Road, Maidenhead, Berkshire,
Use: Penetrating lubricant, cleaner & corrosion inhibitor 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: May irritate the skin after prolonged periods of contact.
Inhalation: Oil mist may line breathing passages with oil making breathing difficult.
Ingestion: May cause diarrhoea.

3) COMPOSITION/INFORMATION OF INGREDIENTS

| Hazardous Components | CAS No | EC No | WT% | OSHA PEL | ACGHI TLV | Other |
|------------------------|------------|-----------|-----|---------------------------------|---------------------|-------|
| Hydrocarbon propellant | 68476-85-7 | 270-704-2 | 50 | 1000ppm | 1250ppm | |
| Distillates, petroleum | 64742-47-8 | 265-149-8 | 25 | 1200mg/m ³ (As mist) | | |
| Petroleum oil | 64742-65-0 | 265-169-7 | 15 | 5mg/m ³ (As mist) | 10mg/m ³ | |

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: Do not induce vomiting. Seek medical assistance.

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 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: Low viscosity fluid **Colour:** Pale Yellow/Amber **Odour:** Cherry
Boiling Range/Point (°C): > 149°C **Melting Point (°C):** -40 **pH:** Neutral
Propellant Flash Point (COC) (°C): -60 **Autoignition Temp (°C):** 229°C
Explosive Properties: LEL: 0.9% **UEL:** 8%
Evaporation Rate (Butyl Acetate): >0.1 **Partition Coefficient (Log/Pow):** UN
Vapour Pressure: <0.05 **OAR Group:** 5 **Density (kg/dm³):** 0.81
Percent Volatiles: 65 max **Flammability:** Flammable at ambient temp.
Oxidising Properties: None **Solubility in Water:** Emulsifies **Vapour Density:** >5

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 & organic acids & oxidising agents.
Hazardous Decomposition Products: Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon and sulphur, nitrogen and phosphorous. Residue mainly comprised of soot.

11) TOXICOLOGICAL INFORMATION

Acute Toxicity: Not known. **Irritancy-Skin:** Very mild **Allergens:** None known.
Skin Sensitisation: Not known. **Subacute/Sub-chronic Toxicity:** Not known.
Chronic Toxicity: Not known. **Genotoxicity:** Not known.
Carcinogen: NTP: No. **IARC:** No. **OSHA:** No.
EC Classification (67/548/EEC): No.
LC-50: >2000-mg/l extrapolated from component data **LD-50:** Not applicable

12) ECOLOGICAL INFORMATION

Possible Effects: May act as a marine pollutant.
Behaviour: Bioaccumulation potential nil.
Environmental Fate: Due to its fluid nature and specific gravity, this product will float and spread across water making it a nuisance contaminant.

13) DISPOSAL CONSIDERATIONS

Product Disposal: Do not incinerate. Contact waste disposal company or local authority for advice.
Container Disposal: Consult regulations for disposal of spent pressurised containers.

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: 21.5.97 **Date of this revision:** 8th Jan 2010
Revision No: 5BR **Revised sections:** 14 trans, 15 labelling
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