

MATERIAL SAFETY DATA SHEET

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

Product Name: 769 LUBRICANT® (Bulk) **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) COMPOSITION/INFORMATION OF INGREDIENTS

| Hazardous Components | CAS No | WT% | OSHA PEL | ACGHI TLV | Other |
|-----------------------|-------------------|--------|--------------------------------------|---------------------|-------|
| Odourless Kerosine | 64742-47-8 | 65 min | TWA 1,000mg/m ³ | | |
| Petroleum Oil | 64742547/64742650 | 25 max | TWA 5mg/m ³ (As Oil mist) | 10mg/m ³ | |
| Proprietary Additives | 68411461/UN | 10 max | 10,000 ppm | 5,000 ppm | |

3) 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.

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. Consult physician.

5) FIRE FIGHTING MEASURES

Extinguishing Media: Foam, dry powder, carbon dioxide, sand, earth & water mist.
Unsuitable Exting. 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.
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. **Body Protection:** Overalls
Eye Protection: Glasses, if applied to parts in motion.
Respiratory Protection: IOSH approved respirator if exposure limit is exceeded.

9) PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Low viscosity fluid **Colour:** Pale Yellow/Amber **Odour:** Petroleum
Boiling Range/Point (°C): > 149 **Melting Point (°C):** -40 **pH:** Neutral
Flash Point (PMCC) (°C): >79 **Autoignition Temp (°C):** 229
Explosive Properties: LEL: 0.9% UEL: 7%
Evaporation Rate (Butyl Acetate): >0.1 **Partition Coefficient (Log/Pow):** UN
Vapour Pressure: <0.05 **OAR Group:** 5 **Density (Kg/dm³):** 0.83
Percent Volatiles: 65 max **Flammability:** Not 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 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 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: None known. **Genotoxicity:** None known.
Carcinogen: NTP: No. **IARC:** No. **OSHA:** No. **California Prop 65:** Not applicable
LC-50: >2000-mg/l extrapolated from component data **LD-50:** Not applicable
EC Classification (67/548/EEC): No.

12) ECOLOGICAL INFORMATION

Possible Effects: May generate oil fractions that could 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. It is toxic to aquatic 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 number: 1223 **ADR Class No:** 3
Shipping name: Kerosene
IMDG Class: 3 **IMDG Packing Group:** III **IMO Hazard Class:** 3.2

15) REGULATORY INFORMATION

Labelling Information: Xn – Harmful Xi – Irritant N – Dangerous for the environment
R Phrases: R10 Flammable R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S Phrases: S23 Do not breathe vapour S24 Avoid skin contact. S61 Avoid release to the environment. S62 If swallowed, do not induce vomiting. Seek medical attention, show the label or container.

16) OTHER INFORMATION

Date of Issue: May 21, 1997 **Date of this Revision:** 7th Jan 2009
Revision Number: 2BR **Revised Sections:** 8, 14, 15

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