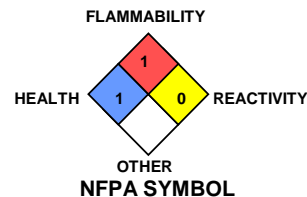


Health	1
Flammability	1
Reactivity	0
PPI	B

MATERIAL SAFETY DATA SHEET

Jet-Lube 550®



HMIS SYMBOL

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Jet-Lube 550®**
 Chemical Family: Complex grease base
 Use: Thread lubricant and sealant
 Manufacturer/Supplier: Jet-Lube of Canada Ltd.
 3820 – 97 Street NW
 Edmonton, Alberta
 Canada T6E 5S8
 Phone: (780) 463-7441 Fax: (780) 463-7454
 CCOHS: 1-800-668-4284

Emergency:

CANUTEC PH: (613) 996-6666 Cell: *666 TTY/TDD: 1-888-675-6863

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	<u>Molybdenum Disulphide</u>	<u>Zinc Oxide</u>	<u>Limestone</u>	<u>Graphite</u>
CAS NO.	1317-33-5	1314-13-2	1317-65-3	7782-42-5
WT %	1 – 5	10 - 15	5 - 10	5 - 10
OSHA PEL	15mg/m ³ (inhalable fractions)	2 mg/m ³	15 mg/m ³	15 mg/m ³
ACGIH TLV	10mg/m ³ (inhalable fractions)	15 mg/m ³	Not Available	Not Available
LD50	>6g/kg (oral, rat)	7950 mg/kg (unconfirmed, oral, mouse)	Not Available	Not Available
LC50	Not Available	2500 mg/m ³ (unconfirmed, mouse)	Not Available	Not Available

SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry: Eyes, Inhalation, Ingestion, Skin
 Eyes: May cause irritation to eyes.
 Inhalation: Viscous nature may block breathing passages if inhaled.
 Ingestion: May cause diarrhea if ingested.
 Skin: May cause irritation after prolonged skin exposure, especially for persons with hyper sensitivity.

SECTION 4 - FIRST AID MEASURES

Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help.
 Ingestion: Do not induce vomiting. Wash out mouth. Contact a physician immediately.
 Skin: Remove by wiping or with a waterless hand cleaner, followed by washing with soap and water.
 Inhalation: Clear air passage. If breathing difficulty continues seek medical help.

SECTION 5 - FIRE FIGHTING MEASURES

Flammability: Nil at ambient temp
 Extinguishing Media: Use dry chemicals, foam, halon, CO₂.
DO NOT use Water Jet.
 Flash Point (OC): >221°C (430°F)
 Flammable Limits: Lower – 0.9% Upper – 7%
 Explosive Properties: LEL – 0.9% UEL - 7%
 Auto-ignition Temp: >260°C (500°F)
 Explosive Data: Sensitivity to Impact – Not Available
 Sensitivity to Static Discharge – Not Available
 Hazardous Combustion Products: Oxides of carbon, smoke and irritating vapors as products of incomplete combustion.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spillage: Scoop up excess, then wipes down the affected area and pick up residue with diatomaceous earth to avoid a walking hazard.
 Environmental Precautions: Do not allow product to enter into drains.

SECTION 7 - HANDLING AND STORAGE

Handling Procedures: No special handling precautions necessary. Do not pressurize, cut, heat or weld empty containers.
 Storage Requirements: Store in a cool, well ventilated place.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: **SEE SECTION 2 – Composition of Ingredients for Information**
 Engineering Controls: If user's operation generates vapors or mists, use ventilation to keep exposure to airborne contaminants below the exposure limit. Make up air should always be supplied to balance air removed by exhaust ventilation. Ensure eyewash station and safety shower are close to work station.
 Personal Protective Equipment (PPE's):
 Respiratory Protection: None required.
 Hand Protection: Protective gloves for hypersensitive persons.
 Eye Protection: Protective glasses if applied to moving parts.
 Body Protection: Protective overalls.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Odor/Appearance:	Light Petroleum/Blue	Physical State:	Paste
Odor Threshold:	Not Available	Specific Gravity, Typical:	1.19
Vapor Pressure:	<0.01 kPa	Vapor Density:	Not Available
Boiling Point:	Not Available	Melting Point:	260°C (500°F)
pH:	Neutral	Freezing Point:	Not Available
Evaporation Rate (Butyl Acetate = 1.0):	<0.01	Density, Typical:	1.19 g/cm ³
Coefficient of Water/Oil Distribution:	Not Available		

SECTION 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 acids, reactive and oxidizing agents.
Hazardous Decomposition Products:	May release CO _x , smoke and irritating vapors when heated to decomposition.

SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Short-Term (Acute) Exposure: Product does not present an acute toxicity hazard based on known or supplied information.

Effects of Long-Term (Chronic) Exposure: Long term dermal application may produce possible skin irritation. Elevated temperatures or mechanical action may form vapors or fumes. Inhalation of oil mists or vapors may cause irritation of the upper respiratory tract.

Irritancy of Product: Not Available
Skin Sensitization: Not Available
Respiratory Sensitization: Not Available
Carcinogen: IARC: Not Available ACGIH: Not Available
Reproductive Toxicity: Not Available
Teratogenicity: Not Available
Embryotoxicity: Not Available
Mutagenicity: Not Available
Name of Synergistic Products/Effects: Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Possible Effects:	May generate oil fractions that could act as a marine pollutant, but is highly unlikely.
Behavior:	Bioaccumulation potential almost nil.
Environmental Fate:	Highly unlikely to cause notable contamination. Non-toxic to land and marine organisms.

SECTION 13 - DISPOSAL CONSIDERATIONS

Consult federal, provincial and local regulations for disposal of petroleum products.
Do not incinerate.

SECTION 14 - TRANSPORT INFORMATION

UN No.:	UN3082
Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s. Hazard Class 9 Packing Group III
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Zinc oxide), 9, III, Marine Pollutant

SECTION 15 -REGULATORY INFORMATION

WHMIS:	Not Available
DSL:	All components listed
CPR Compliance:	This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by those regulations.

SECTION 16 - OTHER INFORMATION

CPR - Controlled Product Regulations
DSL - Domestic Substance List

As of issue date, the information contained herein is accurate and reliable to the best of Jet-Lube of Canada Ltd.'s knowledge. Jet-Lube of Canada Ltd. does not warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising out of the use thereof. It is the users' responsibility to satisfy themselves that the information offered for their consideration is suitable for their particular use.

Prepared by: Jet-Lube of Canada Ltd. - Laboratory
Last Date of Revision: November 26, 2015