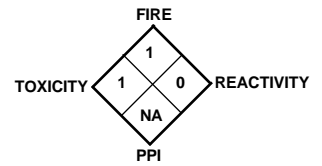


HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PPI	NA

MATERIAL SAFETY DATA SHEET



Arctic

NFPA SYMBOL

HMIS SYMBOL

Identification of the Substance / Preparation and Company

Product Name: Arctic
 Chemical Family: Petroleum based lubricant
 Use: Equipment lubrication

Manufacturer/Supplier: Jet-Lube of Canada Ltd.
 Address: 3820 - 97 Street
 Edmonton, Alberta
 Canada T6E 5S8

Phone: (780) 463-7441 Fax: (780) 463-7454
 CCOHS: 1-800-263-8466 Emergency: (713) 674-7617

Physical and Chemical Properties

Physical State: Paste Odor: Light petroleum odor
 Boiling Point: <316°C (600°F) pH: Neutral
 Melting Point: 138°C (280°F) Water Solubility: Nil
 Flash Point (COC): >160°C (320°F) Density: 0.89 kg/liter
 Autoignition Temp: >260°C (500°F) Vapor Pressure: <0.01 kPa
 Oxidizing Properties: None % Volatiles: Nil
 Flamability: Nil at ambient temp. OAR Value: N/A
 Explosive Properties: LEL - 0.9% UEL - 7%
 Evaporation Rate: (Butyl Acetate = 1.0): <0.01

Composition Information on Ingredients

Hazardous Components: None
 CAS No:
 Wt%:
 OSHA PEL:
 ACGIH TLV:
 Other:

Stability and Reactivity

Stability: Chemically stable under normal conditions.
 Photoreactive agents: None
 Conditions to Avoid: Powerful sources of ignition, extreme temp
 Materials to Avoid: Strong acids and oxidizing agents
 Hazardous Decomposition Products: Smoke, airborne soot,
 hydrocarbons and oxides of carbon, nitrogen and sulphur.
 Residue mainly comprised of soot and mineral oxides.

Hazards Identification

Eyes: May cause irritation.
 Inhalation: N/A
 Ingestion: May cause diarrhea.
 Skin: Possible rash for persons with hypersensitivity.

Toxicological Information

Inhalation: N/A Skin Irritancy: Very Mild
 Chronic Toxicity: None known
 Genotoxicity: None known
 LC-50: >2000 mg/kg (extrapolated from component data)
 LD-50: N/A
 Carcinogen - NTP: No IARC: No OSHA: No

First Aid Measures

Eyes: Flush with water until all residual material is gone.
 If irritation persists, seek medical help.
 Inhalation: N/A
 Ingestion: Do not induce vomiting. Wash out mouth.
 Consult a physician.
 Skin: Remove by wiping or with a waterless hand
 cleaner, followed by washing with soap and water.

Ecological Information

Possible Effects: May generate oil fractions that could
 act as a marine pollutants, but highly unlikely.
 Behavior: Relatively well behaved. Bioaccumulation potential nil.
 Environmental Fate: Highly unlikely to cause notable
 contamination. Non-toxic to marine or land
 organisms.

Fire Fighting Measures

Extinguishing Media: Foam, dry chemical, halon, carbon dioxide,
 sand, earth or water mist.
 Unsuitable Extinguishing Media: Water jet.
 Protective Equipment: Self-contained breathing apparatus.

Waste Disposal

Consult federal, provincial and local regulations for disposal of
 petroleum products.

Accidental Release Measures

Personal Precautions: Wear gloves and protective overalls.
 Environmental Precautions: Avoid disposal into drains.
 Spillage: Scoop up excess, then wipe down the affected
 area and pick up residue with diatomaceous
 earth to avoid a walking hazard.

Transport Information

Not classified as hazardous for transport.
 D.O.T: Non-hazardous
 UN No: N/A Air Transport (ICAO): N/A
 Sea Transport (IMO & IMDG): N/A
 Road & Rail Transport (ADR/RID): N/A

Handling and Storage

No special handling precautions necessary. Keep containers
 closed when not in use. Store in a cool, well ventilated place.
 Do not handle or store near open flame or sources of ignition.
 Do not pressurize, cut, heat or weld empty containers.

Regulatory Information

WHMIS: Not regulated TDG: Not regulated
 Labelling Requirements: None
 DSL: All components listed TSCA: All components listed
 R Phrases: R22, harmful if swallowed
 S Phrases: None applicable, as known
 SARA 313: N/A
 Ozone Depleting Chemicals: None

Exposure Control / Personal Protection

Respiratory Protection: None required.
 Hand Protection: Protective gloves for hypersensitive persons.
 Eye Protection: Protective glasses if applied to moving parts.
 Body Protection: Protective overalls.

Other Information

Prepared by: Jet-Lube of Canada Ltd.

Date Issued: October 1, 2001

As of issue date, the information contained herein is accurate and reliable to the best of Jet-Lube's knowledge. Jet-Lube 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.