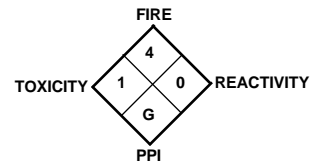


HEALTH	1
FLAMMABILITY	4
REACTIVITY	0
PPI	G

MATERIAL SAFETY DATA SHEET



Gear Guard

HMIS SYMBOL

Identification of the Substance / Preparation and Company

Product Name: Gear Guard
 Chemical Family: Petroleum based lubricant
 Use: Gear, chain and wire rope lubricant

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

Composition Information on Ingredients

Hazardous Components	Propellant	Halocarbon
CAS No:	68476857	79016
Wt%:	25 Max.	20 - 30
OSHA PEL:	1,000 ppm	200 ppm
ACGIH TLV:	1,000 ppm	550 ppm
Other:	-	-

Hazards Identification

Eyes: May cause irritation.
 Inhalation: Vapors may cause dizziness, nausea
 Ingestion: May cause diarrhea.
 Skin: Possible rash for persons with hypersensitivity.

First Aid Measures

Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help.
 Inhalation: Remove to fresh air. If respiratory difficulty persists, seek medical help.
 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.

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.

Accidental Release Measures

Personal Precautions: Wear gloves and protective overalls.
 Environmental Precautions: Avoid disposal into drains.
 Spillage: Wipe down the affected area to avoid a walking hazard.

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.

Exposure Control / Personal Protection

Respiratory Protection: Breathing apparatus in confined areas.
 Hand Protection: Protective gloves for hypersensitive persons.
 Eye Protection: Protective glasses if applied to moving parts.
 Body Protection: Protective overalls.

Prepared by: Jet-Lube of Canada Ltd.

Date Issued: October 1, 2001

Physical and Chemical Properties

Physical State: Fluid Odor: Petroleum
 Boiling Point: >74°C (165°F) pH: Neutral
 Melting Point: UN Water Solubility: Nil
 Flash Point (COC): -60°C (-76°F) Density: 0.92 kg/liter
 Autoignition Temp: UN Vapor Pressure: <185 kPa
 Oxidizing Properties: None % Volatiles: UN
 Flamability: Nil at ambient temp. OAR Value: 5
 Explosive Properties: LEL - 8% UEL - 10.5%
 Evaporation Rate: (Butyl Acetate = 1.0): <0.01

Stability and Reactivity

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

Toxicological Information

Inhalation: None known Skin Irritancy: Not known
 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

Ecological Information

Possible Effects: May generate oil fractions that could act as a marine pollutant, but highly unlikely.
 Behavior: Relatively well behaved. Bioaccumulation potential almost nil.
 Environmental Fate: Will float and spread across water making it a nuisance contaminant.

Waste Disposal

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

Transport Information

D.O.T: Nonhazardous (bulk)
 Consumer commodity ORM-D (aer.)
 UN No: 1950, Division 2.1 (aer.)
 Air Transport (ICAO): UN 1950 Class 2.1 (aer.)
 Sea Transport (IMO & IMDG): UN 1950 Class 9 (aer.)
 Road & Rail Transport (ADR/RID): UN 1950 Class 2 (aer.)

Regulatory Information

WHMIS: Class B, B-3 (aer.)
 TDG: Not regulated
 Labelling Requirements: None needed
 DSL: All components listed TSCA: All components listed
 R Phrases: R22-harmful if swallowed
 S Phrases: - S3 keep in a cool place
 - S16 keep away from ignition sources
 SARA 313: N/A
 Ozone Depleting Chemicals: N/A

Other Information

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.