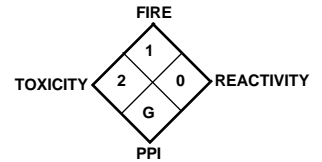


HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PPI	G

MATERIAL SAFETY DATA SHEET



Top Gun

HMIS SYMBOL

NFPA SYMBOL

Identification of the Substance / Preparation and Company

Product Name: Top Gun
 Chemical Family: Halogenated Solvent
 Use: Wasp and Hornet Spray (Insecticide)

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: Fluid
 Boiling Point: >74°C (165°F)
 Melting Point: UN
 Flash Point (PMCC): None
 Autoignition Temp: 420°C(788°F)
 Oxidizing Properties: None
 Flammability: Not flammable
 Explosive Properties: LEL - 8.0% UEL - 52%
 Evaporation Rate (Butyl Acetate = 1.0): >0.1

Odor: Ether
 pH: UN
 Water Solubility: Nil
 Density: 1.24 kg/liter
 Vapor Pressure: >59 kPa
 % Volatiles: 100

Composition Information on Ingredients

Hazardous Components	Propellant	Halocarbon	Halocarbon	Resmethrin
CAS No:	124 - 38 - 9	71 - 55 - 6	127 - 18 - 4	10453 - 86 - 8
Wt %:	>4	<86	10 Max	0.5 Max
OSHA PEL:	5,000 ppm	350 ppm	50 ppm	10 ppm
ACGIH TLV:	5,000 ppm	350 ppm	50 ppm	10 ppm
Other:	-	-	-	-

Stability and Reactivity

Stability: Chemically stable under normal conditions
 Photoreactive Agents: None
 Conditions to Avoid: Powerful sources of ignition, extreme temperatures
 Materials to Avoid: Strong acids and oxidizing agents
 Hazardous Decomposition Products: Smoke, airborne soot, hydrocarbons and halogenated gases which could be toxic or corrosive.

Toxicological Information

Acute toxicity: A central nervous system depressant - dizziness, nausea.
 Skin Irritation: Mild, could cause irritation and dermatitis.
 Chronic Toxicity: May result in liver and kidney damage.
 Genotoxicity: None known.
 LC-50: Unknown
 LD-50: Unknown
 Carcinogen: NTP: No IARC: Indefinite OSHA: Potential

Hazards Identification

Eyes: Causes irritation and pain if splashed into eyes.
 Inhalation: Vapors may cause dizziness, nausea, possible death in high vapor concentration.
 Ingestion: May cause irritation of mouth & GI tract. Vomiting can aspirate into lungs and cause chemical pneumonia.
 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.

Ecological Information

Possible Effects: May act as a marine pollutant.
 Behavior: Currently no data.
 Environmental Fate: Highly volatile, should evaporate to atmosphere. More dense than 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.

Waste Disposal

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

Accidental Release Measures

Personal Precautions: Wear gloves and protective overalls.
 Environmental Precautions: Avoid disposal into drains.
 Spillage: Dries residue free

Transport Information

D.O.T: Consumer Commodity, ORM-D
 UN No: Aerosols, 1950, Division 2.3, Sub-Risk 6.1
 Air Transport (ICAO): UN 1950, Class 2.3
 Sea Transport (IMO & IMDG): UN 1950, Class 9
 Road & Rail Transport (ADR/RID): UN 1950, Class 2.3

Handling and Storage

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

Regulatory Information

WHMIS: Class A, B-5
 TDG: Aerosols, UN 1950, Class 2.1, Packing Group X
 Labelling Requirements: None needed
 R Phrases: - R20 harmful if inhaled
 - R22 harmful if swallowed
 - S3 keep in a cool place
 - S38 in case of insufficient ventilation wear suitable respiratory equipment
 SARA 313: This product contains in part raw material components subject to reporting
 Ozone Depleting Chemicals: Contains a substance (trichloroethane) which may destroy ozone in the upper atmosphere.

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: Chemical resistant apron.

Other Information

Prepared by: Jet-Lube of Canada Ltd.
 Date Issued: January 15, 2002

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.