

MATERIAL SAFETY DATA SHEET



For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night: 1-800-424-9300
For Medical Emergencies Only, Call: 1-877-325-1840

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, Texas 75418

Effective Date: May 14, 2012

Hi-Yield® Total Release Fogger

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: Hi-Yield® Total Release Fogger

COMPANY IDENTIFICATION:

Voluntary Purchasing Groups, Inc.
Bonham, TX. 75418

230 FM 87

2. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:

Name	CAS #	% (wt)	TLV	PEL
1,1,1 Trichloroethane [1]	71-55-6	75	350 ppm	350 ppm
Propane	74-98-6	20	*	1000 ppm
Tetramethrin	7696-12-0	Not established	Not established	Not established

*The ACGIH classifies this compound as a 'simple asphyxiant' without other significant physiologic effect.

[1] NOTE: This product contains a toxic chemical or chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA).

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists.

3. PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point: 77 degrees C

Specific Gravity (water=1): 1.3

Vapor Pressure (mm Hg): Not determined

Percent Volatile By Volume (%): >95

Vapor Density (AIR=1): >1

Evaporation Rate: <1

Solubility in Water: Nil

Reactivity In Water: Will not evolve flammable or toxic gasses.

Appearance and Odor: Clear yellow liquid, with a chlorinated solvent odor. Packed under pressure.

4. FIRE AND EXPLOSION HAZARD DATE:

Flash Point: Not determined

Flammable Limits: LEL: Not determined UEL: Not determined

Extinguishing Media: Use appropriate media for surrounding fire.

Auto Ignition Temperature: Not determined

Unusual Fire and Explosion Hazards: Containers will explode at temperatures above 120 degrees F.

Special Fire Fighting Procedures: Move container from fire area. Cool containers with water. Do not scatter spilled material with high pressure water streams. Dike fire control water for later disposal.

5. HEALTH INFORMATION:

Routes of Entry:

Inhalation, Eye or Skin Contact, Ingestion

Signs And Symptoms Of Exposure

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- (1) ACUTE OVEREXPOSURE: Poisoning may affect the heart, liver, kidneys and the central nervous system. Eye or skin contact may cause local irritation and redness. Signs and symptoms of excessive exposure by inhalation may include a loss of equilibrium accompanied by headache, lassitude and ataxia. Ingestion may cause death. Alcohol may potentiate both the cardiac and hepatic toxicity.
- (2) CHRONIC OVEREXPOSURE: Repeated or prolonged exposure may affect the liver and kidneys. Synthetic pyrethrins, like tetramethrin, may produce central nervous system stimulation with symptoms of nausea, vomiting, gastroenteritis, diarrhea, hypersensitivity, incoordination, tremors, convulsion, coma and death. Synthetic pyrethrins normally do not produce allergic reactions in humans.

Medical Conditions Generally Aggravated by Exposure: Disorders of the skin/eyes, liver kidneys and cardiovascular system.

Chemical/Component Listed As Carcinogen Or Potential Carcinogen: None

NTP: No

IARC: No

OSHA: No

Other Exposure Limits: None determined.

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

Eye or Skin Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. Flush skin with water. Wash clothing before reuse.

Ingestion: Contact physician or poison control center immediately.

6. REACTIVITY DATA:

Stability: Stable

Conditions to Avoid: Decomposes over time to produce hydrogen chloride.

Incompatibility (Materials to Avoid): Do not mix with other agents as the evolution of toxic gases/vapors may occur.

Hazardous Decomposition Products: Chlorides, phosgene, chloroacetylenes, oxides of carbon and oxides of nitrogen.

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: Does not apply

7. SPILL OR LEAK PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED

Ventilate area of spill, eliminating ignition sources. Absorb liquid residue with sand or other absorbent material, place in a labeled container, and seal for later disposal. Comply with all applicable governmental regulations concerning spill reporting, handling, and disposal of waste.

WASTE DISPOSAL METHOD

Dispose of in accordance with Federal, State and local regulations.

8. PERSONAL PROTECTION INFORMATION:

Respiratory Protection:

NIOSH/MSHA approved respiratory devices to protect against organic vapors and dusts/mists.

Ventilation:

General or local exhaust to maintain employee exposure below the TLV/PEL.

Protective Gloves:

Utilize impervious gloves to prevent skin contact.

Eye Protection:

Splash-proof or dust-resistant safety goggles to prevent eye contact with this substance. Contact lenses should not be worn.

Other Protective Clothing or Equipment:

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When necessary utilize impervious clothing and other equipment to prevent skin contact with this substance.

9. SPECIAL PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING

Store in a cool, well ventilated, dry area, below 100 degrees Fahrenheit. Should not be stored or used near heat sources or open flame.

OTHER PRECAUTIONS

Provide emergency eyewash/shower facilities.

10. TRANSPORT INFORMATION:

Not regulated by DOT or IMDG.

11. OTHER INFORMATION:

This document was prepared for possibly applicable regulations. All terms as used herein are limited to the context of said regulations. The information contained within was primarily obtained from component manufacturer(s) and is believed to be accurate for the manner in which the product is intended to be used. Other uses could result in ramifications which are not included within this document.