

## MATERIAL SAFETY DATA SHEET

# Hi-Yield® D. I. Y. Do-It-Yourself Indoor Pest Control

DATED: July 19, 2002  
UPDATED: February 23, 2006

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Name: Voluntary Purchasing Groups, Inc., P. O. Box 460, Bonham, Texas 75418  
Emergency Telephone: (903) 583-5501 or (800) 424-9300 (Chemtrec)  
For Additional Information Contact: Product Manager or Chemtrec  
Common Name (Used on Label): Hi-Yield D.I.Y. Do-It-Yourself Indoor Pest Control  
EPA# 1021-1698-7401

HMIS CODES: REACTIVITY: 1 FLAMMABILITY: 1 HEALTH: 2 PERSONAL PROTECT: A  
NEPA CODES: REACTIVITY: 1 FLAMMABILITY: 1 HEALTH: 2

### SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS. Reg. #	WT. %	EINECS #
Pyrethrins	008003-34-7	0.05	232-319-8
Permethrin	052645-53-1	0.2	258-067-9
MGK® 264 (N-Octyl Bicycloheptene Dicarboximide)	000113-48-4	0.25	204-029-1
NYLAR® (Pyriproxyfen)	095737-68-1	0.02	None
Petroleum Distillate	064742-47-8	1.5 - 2	265-149-8
Liquefied Petroleum Gas	068476-85-7	10	270-703-7

COMMENTS: Ingredients not identified are proprietary or nonhazardous. Values are not product specifications.

### SECTION 3 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW:

##### IMMEDIATE CONCERNS:

**CAUTION:** Contents under pressure. Keep away from heat and open flame. Do not expose to temperatures above 130°F. May cause skin, eye and respiratory tract irritation. May be harmful if swallowed or absorbed through skin. ALWAYS wear safety glasses and appropriate personal protective equipment when handling this product. Avoid breathing vapors and spray mists of this product. DO NOT puncture or incinerate container.

#### POTENTIAL HEALTH EFFECTS:

**EYES:** May cause mild eye irritation.  
**SKIN:** May be mildly irritating to the skin.  
**SKIN ABSORPTION:** Can be harmful if absorbed through skin.  
**INGESTION:** Not a likely route of exposure however, may be harmful if swallowed in large amounts.  
**INHALATION:** Excessive inhalation can cause nasal and respiratory irritation, nausea and nervous disorders, such as fatigue, dizziness, headaches, lack of coordination.  
**CHRONIC:** Not established.

### SECTION 4 - FIRST AID MEASURES

**EYES:** Remove contact lenses and immediately flush with large amounts of water for at least 15 minutes. If irritation persists, get medical attention.  
**SKIN:** Remove contaminated clothing and wash affected areas with large amounts of soap and water. If irritation persists, get medical attention. Wash clothing separately before reuse.  
**INGESTION:** If swallowed, call physician or poison control center.  
**INHALATION:** Remove affected person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention immediately.

### SECTION 5 - FIRE FIGHTING MEASURES

<b>FLASHPOINT AND METHOD:</b>	Not applicable.
<b>FLAMMABLE CLASS:</b>	This aerosol is classified as NON-FLAMMABLE by the flame extension test method described in 16 CFR 1500.45.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Under fire conditions, this product will support combustion and may decompose to give off toxic gases such as carbon monoxide, carbon dioxide and nitrogen oxides.
<b>EXPLOSION HAZARDS:</b>	Contents under pressure. Exposure to temperatures above 130°F can cause bursting.
<b>FIRE FIGHTING PROCEDURES:</b>	Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.
<b>FIRE FIGHTING EQUIPMENT:</b>	Foam, carbon dioxide, or dry chemical.
<b>SENSITIVITY TO IMPACT:</b>	Forceful impacts can cause damage to aerosol unit and may cause a bursting or explosion hazard.

### SECTION 6 - ACCIDENTIAL RELEASE MEASURES

<b>SMALL SPILL:</b>	Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.
<b>LARGE SPILL:</b>	Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Collect product into drums, etc. via drains, pumps, etc. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

### SECTION 7 - HANDLING AND STORAGE

<b>HANDLING:</b>	Contents under pressure. Do not puncture or incinerate. Do not use near heat or open flame. Wear impervious gloves such as neoprene or nitrile. Wear OSHA-approved safety glasses, goggles or face shield. Avoid breathing vapor or spray mist. Mechanical ventilation should be used when handling this product in enclosed spaces. Wearing a respirator is not required when handling this product, but recommended in the absence of proper mechanical ventilation or if necessary to avoid breathing sprays or mists of this product. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions and instruction on the label.
<b>STORAGE:</b>	Store containers upright and closed. Store in areas that are cool, dry and well-ventilated. Exposure to temperatures at or above 130°F may cause bursting. Keep away from heat, ignition sources and strong oxidizers. Emptied containers may retain product residues.
<b>STORAGE TEMPERATURE:</b>	10°C (50°F) minimum to 32.2°C (90°F) maximum.

**SECTION 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION**

**EXPOSURE GUIDELINES:**

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Pyrethrins	TWA		5		5		
Permethrin	TWA						10
MGK® 264 (N-Octyl Bicycloheptene Dicarboximide)	TWI	None		None		None	
NYLAR® (Pyriproxyfen)	TWA	None		None		None	
Petroleum Distillate	TWA					100	525
Liquefied Petroleum Gas	TWA	1000	1800	1000	1800		

**PERSONAL PROTECTIVE EQUIPMENT:**

**EYES AND FACE:**

Wear OSHA-approved safety glasses, goggles or face shield.

**SKIN:**

Wear chemically impervious gloves such as Neoprene or Nitrile and protective clothing.

**RESPIRATORY:**

Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary. Avoid breathing vapors or mists of this product. If necessary, use a NIOSH approved organic vapor respirator to avoid breathing sprays or mists of this product.

**PROTECTIVE CLOTHING:**

Wear chemically impervious gloves, such as neoprene or nitrile. Wear leather shoes and long pants and long sleeve shirt.

**WORK HYGIENIC PRACTICES:**

DO NOT SMOKE, EAT OR DRINK OR APPLY COSMETICS IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>PHYSICAL STATE:</b>	Gas.
<b>ODOR:</b>	Odor of Petroleum Distillates.
<b>APPEARANCE:</b>	Aerosol contents have a milky appearance.
<b>COLOR:</b>	Off White.
<b>pH:</b>	6.6
<b>PERCENT VOLATILE:</b>	Less than 12%.
<b>VAPOR PRESSURE:</b>	Not Available.
<b>BOILING POINT:</b>	Not Applicable.
<b>FREEZING POINT:</b>	Not Available.
<b>MELTING POINT:</b>	Not Available.
<b>SOLUBILITY IN WATER:</b>	Not Applicable.
<b>EVAPORATION RATE:</b>	Not Available.
<b>SPECIFIC GRAVITY:</b>	.986
<b>VISCOSITY:</b>	Not Available.
<b>SPECIFIC GRAVITY:</b>	Specific gravity is for the aerosol contents less the compressed gas propellant.

**SECTION 10 - STABILITY AND REACTIVITY**

**STABLE:** Yes.  
**HAZARDOUS POLYMERIZATION:** No.  
**CONDITIONS TO AVOID:** Not compatible with strong acids or bases. Not compatible with strong oxidizers.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** See Section 5 Combustion Products.

**SECTION 11 - ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** Environmental data not available for this product.  
**ECOTOXICOLOGICAL INFORMATION:** Not Available.  
**CHEMICAL FATE INFORMATION:** Not Available.

**SECTION 12 - DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** We encourage you to use this product completely. If you cannot use it all up, give it to someone who can use it. Otherwise, unused product may be disposed of by securely wrapping container in several layers of newspaper and discard in trash.  
**EMPTY CONTAINER:** Replace cap when empty and offer to recycling program, if available in your area. If recycling is not available, wrap in several layers of newspaper and discard in trash.

**RCRA/EPA WASTE INFORMATION:**

This product contains the following RCRA/CERCLA hazardous wastes:

Component	RCRA Code	Cercia RQ
Pyrethrins	N/A	1 lb.

**SECTION 13 - TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION):**  
**PROPER SHIPPING NAME:** Consumer Commodity.  
**PRIMARY HAZARD CLASS/DIVISION:** ORM-D.  
**AIR (ICAO/IATA):**  
**PROPER SHIPPING NAME:** Consumer Commodity.  
**PRIMARY HAZARD CLASS/DIVISION:** ORM-D.  
**UN/NA NUMBER:** UN8000  
**VESSEL(IMO/IMDG):**  
**PROPER SHIPPING NAME:** Consumer Commodity.  
**PRIMARY HAZARD CLASS/DIVISION:** ORM-D  
**UN/NA NUMBER:** UN8000

**SECTION 14 - ADDITIONAL INFORMATION**

**HMIS CODES:**

**FIRE:** 4  
**HEALTH:** 2  
**REACTIVITY:** 1

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Voluntary Purchasing Groups, inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary

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