



## VOLUNTARY PURCHASING GROUPS, INC.

### Safety Data Sheet

### Hi-Yield® Lawn, Garden, Pet & Livestock Insect Control

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#### SECTION 1: Identification

##### Product identifier

Product name Hi-Yield® Lawn, Garden, Pet & Livestock Insect Control

Product number 32006

##### Other means of identification

EPA# 7401-456

##### Supplier's details

Name Voluntary Purchasing Groups, Inc.  
Address 230 FM 87  
Bonham, TX 75418  
USA

Telephone 855-270-4776

##### Emergency phone number(s)

In the event of a medical or chemical emergency contact ChemTel, Inc.  
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

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#### SECTION 2: Hazard identification

##### Classification of the substance or mixture

##### GHS label elements, including precautionary statements

##### Signal word

##### Warning

##### Hazard statement(s)

H313	May be harmful in contact with skin
H333	May be harmful if inhaled
H303	May be harmful if swallowed
H320	Causes eye irritation

##### Precautionary statement(s)

P102	Keep out of reach of children.
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#### SECTION 3: Composition/information on ingredients

##### Substances

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### Hazardous components

Component	Concentration
Permethrin (CAS no.: 52645-53-1; EC no.: 258-067-9; Index no.: 613-058-00-2)	10 %
Petroleum distillate (CAS no.: 8052-41-3)	Not specified

## SECTION 4: First-aid measures

### Description of necessary first-aid measures

General advice	Call a poison control center or doctor for treatment advice. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If breathing difficulties occur, seek medical attention immediately.
If inhaled	Move person to fresh air. If person is not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a poison control center or doctor for treatment advice.
In case of skin contact	Wash skin with soap and plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
In case of eye contact	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.
If swallowed	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice.
Personal protective equipment for first-aid responders	Respiratory Protection: NIOSH/MSHA approved for protection against toxic dusts containing quartz. Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL. Protective Gloves: PVC or Neoprene. Eye Protection: Safety glasses or goggles (ANSI Z87.1 1979) Other Protective Clothing or Equipment: Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available.

### Indication of immediate medical attention and special treatment needed, if necessary

Note to Physician And Veterinarian: Do not administer or instill milk, cream or other substances containing vegetable or animal fats which enhance absorption of lipophilic substances. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

## SECTION 5: Fire-fighting measures

### Suitable extinguishing media

Use foam, dry chemical, carbon dioxide or water spray when fighting fires involving this material.

### Specific hazards arising from the chemical

Oxides of hydrogen and carbon. May release irritating and toxic gases due to thermal decomposition or combustion.

### Special protective actions for fire-fighters

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Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Dike and collect water used to fight fire to prevent environmental damage due to run off. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water run off.

Full fire fighting turn-out gear (Bunker gear).

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### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Clean up spills immediately, observing precautions in Section 8 of this document.

#### Environmental precautions

Highly toxic to fish, other water organisms and bees. Keep out of waterways.

#### Methods and materials for containment and cleaning up

SMALL SPILL: Absorb small spills on paper towels or other inert absorbent. Place contaminated material in trash for disposal.

LARGE SPILL: Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbed material to solidify, and scrape up for disposal. After removal, flush contaminated area thoroughly with water. This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

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### SECTION 7: Handling and storage

#### Precautions for safe handling

KEEP OUT OF REACH OF CHILDREN!

Use only in a well-ventilated area.

USER SAFETY RECOMMENDATIONS:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

#### Conditions for safe storage, including any incompatibilities

Keep container closed when not in use. Keep away from food, feed and drinking water. Store in a cool dry area away from heat or open flame. Store above 32 degrees Fahrenheit.

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### SECTION 8: Exposure controls/personal protection

#### Appropriate engineering controls

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

#### Individual protection measures, such as personal protective equipment (PPE)

##### Eye/face protection

Safety glasses or goggles (ANSI Z87.1 1979)

##### Skin protection

PVC or Neoprene gloves

##### Body protection

Water proof apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available.

##### Respiratory protection

NIOSH/MSHA approved for protection

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**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

Appearance/form	Pale amber liquid
Odor	Slight aromatic odor
Odor threshold	
pH	6.0 - 6.5
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	110 F
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	0.83 (6.9 lb./gl)
Solubility(ies)	Miscible
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

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**SECTION 10: Stability and reactivity**

**Reactivity**

Product will not undergo polymerization

**Chemical stability**

Stable, however may decompose if heated.

**Possibility of hazardous reactions**

May release irritating and toxic gases due to thermal decomposition or combustion.

**Conditions to avoid**

Avoid temperatures above 150°F.

**Incompatible materials**

Alkaline and acidic conditions and materials, Oxidizing materials.

**Hazardous decomposition products**

Oxides of hydrogen and carbon.

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**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Skin corrosion/irritation**

Prolonged or repeated skin contact may cause irritation. May cause skin sensitization, an allergic reaction, which becomes evident on re-exposure to this material.

**Serious eye damage/irritation**

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Mildly irritating to the eyes. Degree of injury will depend on the amount of material that gets into the eye and the speed and thoroughness of the first aid treatment.

### Respiratory or skin sensitization

May be irritating to respiratory tract.

### Germ cell mutagenicity

None known

### Carcinogenicity

None known

### Aspiration hazard

May be harmful if swallowed.

### Additional information

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## SECTION 12: Ecological information

### Toxicity

Highly toxic to fish, other water organisms and bees. Keep out of waterways.

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## SECTION 13: Disposal considerations

### Disposal of the product

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

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## SECTION 14: Transport information

### DOT (US)

Not regulated

### IMDG

Not regulated

### IATA

Not regulated

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## SECTION 15: Regulatory information

### Safety, health and environmental regulations specific for the product in question

#### Massachusetts Right To Know Components

Chemical name: 3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid, (3-phenoxy-phenyl)methyl ester  
CAS number: 52645-53-1

#### New Jersey Right To Know Components

Common name: PERMETHRIN  
CAS number: 52645-53-1

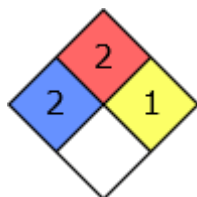
# Safety Data Sheet

## Hi-Yield® Lawn, Garden, Pet & Livestock Insect Control

### HMIS Rating

Hi-Yield® Lawn, Garden, Pet & Livestock Insect Control	
HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	1
PERSONAL PROTECTION	H

### NFPA Rating



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## SECTION 16: Other information

Voluntary Purchasing Groups, Inc. urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.