



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Hi-Yield Bug Blaster Lamba-Cyhalothrin 0.5%

SECTION 1: Identification

GHS Product identifier

Product name	Hi-Yield Bug Blaster Lamba-Cyhalothrin 0.5%
Product number	34695; 34697
Brand	Hi-Yield

Other means of identification

EPA Reg. No. 53883-197-7401

Recommended use of the chemical and restrictions on use

Residential use insecticide

Supplier's details

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

Telephone	855-270-4776
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Emergency phone number

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

SECTION 2: Hazard identification

General hazard statement

Not classified as a physical hazard.

Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Acute toxicity, oral, Cat. 4
- Acute toxicity, inhalation, Cat. 4

GHS label elements, including precautionary statements

Pictograms



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Signal word

Warning

Hazard statement(s)

H302

Harmful if swallowed

H332

Harmful if inhaled

Precautionary statement(s)

P264

Wash hands thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P301+P312

IF SWALLOWED: Call a POISON CENTER /doctor if you feel unwell.

P330

Rinse mouth.

P501

Dispose of contents/container to in accordance with Federal, State and local regulations.

P261

Avoid breathing dust/fume/gas/mist/vapors/spray.

P271

Use only outdoors or in a well-ventilated area.

P304+P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312

Call a POISON CENTER/doctor if you feel unwell.

P102

Keep out of reach of children.

P103

Read label before use.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Lambda-cyhalothrin (iso) (CAS no.: 91465-08-6; EC no.: 415-130-7; Index no.: 607-252-00-6)	0.5 %
CLASSIFICATIONS: Acute toxicity, Cat. 2; Acute toxicity, Cat. 3; Acute toxicity, Cat. 4; Hazardous to the aquatic environment, short-term (acute), Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 1. HAZARDS: H301 - Toxic if swallowed; H312 - Harmful in contact with skin; H330 - Fatal if inhaled; H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects.	

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.

If inhaled

No special requirements.

In case of skin contact

No special requirements.

In case of eye contact

- Hold eye open and rinse slowly and gently with water 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continuing rinsing eye.
- Call a poison control center or doctor for treatment advice.

If swallowed

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

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SECTION 5: Fire-fighting measures

Suitable extinguishing media

Water fog, foam, CO₂, dry chemical

Specific hazards arising from the chemical

Pesticide fires have potential to produce irritating or toxic gases.

Special protective actions for fire-fighters

Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated buildings, area and equipment until decontaminated. Water runoff can cause environmental damage.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Clean up spills immediately. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

Methods and materials for containment and cleaning up

In case of spillage or leakages, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Dispose of with chemical waste.

SECTION 7: Handling and storage

Precautions for safe handling

Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment. Carefully open containers and after partial use close container tightly. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Store in cool, dry area away from children and domestic animals.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

Whenever possible, adequate ventilation should be used to minimize the need for personal protective equipment.

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

Eye/face protection

Wear goggles or face shield

Skin protection

Long-sleeve shirt, long pants, shoes plus socks

Body protection

Chemical-resistant gloves

Respiratory protection

For most conditions, no respiratory protection required. However, if handling without sufficient ventilation, use NIOSH approved air-purifying respirator with any N, P or R95 class filter and an organic vapor cartridge.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)

Translucent white liquid

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Odor	Mild chemical
Odor threshold	No information available.
pH	5.5-6.0
Melting point/freezing point	No information available.
Initial boiling point and boiling range	No information available.
Flash point	>200°F
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapor pressure	No information available.
Vapor density	No information available.
Relative density	0.99-1.01g/ml
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	No information available.
Viscosity	0.89 cps@ 25C
Additional properties	
Physical state	Liquid
Color	Translucent white

SECTION 10: Stability and reactivity

Reactivity

Do not mix with other chemicals.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous polymerization does not occur.

Conditions to avoid

Avoid excessive heat

Incompatible materials

Avoid strong oxidizers.

Hazardous decomposition products

Product can decompose at high temperatures forming toxic gases

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Acute Oral LD50 (Rat): > 1,750 mg/kg

Acute Dermal LD50 (Rabbit): > 5,000 mg/kg

Acute Inhalation LC50 (Rat): > 2.0 mg/L/4 hr

Eye Irritation: Slightly irritating

Skin Irritation: Slightly irritating

Dermal Sensitization: Not a skin sensitizer

Skin corrosion/irritation

Skin Irritation: Slightly irritating

Dermal Sensitization: Not a skin sensitizer

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Serious eye damage/irritation

Eye Irritation: Slightly irritating

Carcinogenicity

Lambda-cyhalothrin technical: No treatment-related tumors in rats or mice.

Reproductive toxicity

Lambda-cyhalothrin technical: Not a developmental or reproductive toxicant.

Specific target organ toxicity (STOT) - single exposure

In humans, contact with exposed skin may result in temporary itching, tingling, burning or numbness, called paresthesia. The effect may result from splash, aerosol, or hot vapor contact, or transfer to the face from contaminated gloves and hands. The symptoms normally disappear within 24 hours. Face and genital areas are especially susceptible to this effect. Paresthesia involving the face is also known as "subjective facial sensation" or SFS.

Specific target organ toxicity (STOT) - repeated exposure

Lambda-cyhalothrin technical: Liver, nervous system

SECTION 12: Ecological information

Toxicity

This pesticide is extremely toxic to fish. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

Persistence and degradability

Lambda-cyhalothrin technical: Not persistent in soil or water, Immobile in soil. Sinks in water after 24 hours

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

Packaging disposal

Dispose of product containers, waste containers, and residues according to label instructions and local, state, and federal health and environmental regulations

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

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Not dangerous goods

SECTION 15: Regulatory information

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

Labeling requirements under FIFRA

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information for safety data sheet, and for workplace labels of nonpesticide chemicals. Following is the hazard information as required on the pesticide label.

SARA 311/312 Hazards

Acute health hazard (immediate)

Chronic health hazard (delayed)

SARA 313 Components

Not applicable

California Prop. 65 Components

Not applicable

Toxic Substances Control Act (TSCA) Inventory

The ingredients of this product are listed on the TSCA inventory or are exempt

HMIS Rating

Hi-Yield Bug Blaster Lamba-Cyhalothrin 0.5%	
HEALTH	1
FLAMMABILITY	
PHYSICAL HAZARD	
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

Further information/disclaimer

Voluntary Purchasing Groups, Inc. believes the information presented herein is accurate and correct as of the document date. The presented information is based upon available data from reliable sources. Voluntary Purchasing Groups, Inc. makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.