



# Bonide House Guard Roach Control

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Bonide House Guard Roach Control  
Product code : 538834154

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Insecticide

#### 1.3. Details of the supplier of the safety data sheet

Bonide Products, LLC  
6301 Sutliff Road  
Oriskany, NY 13424

Telephone Number: (315) 736-8231

Comment: Bonide hours of operation are 8:00 a.m. to 4:30 p.m EST.

Website: [www.bonide.com](http://www.bonide.com)

Email address: [sales@bonide.com](mailto:sales@bonide.com)

#### 1.4. Emergency telephone numbers (24 hour)

Medical : SafetyCall - (833) 972-1101  
Spills : CHEMTREC - 1 (800) 424-9300 and/or 1 (703) 527-3887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Flammable Aerosols 1 H222  
Aspiration Hazard 1 H304  
Specific Target Organ Toxicity, single exposure 3 H336

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US)



Signal word (GHS-US)

DANGER

Hazard statements (GHS-US)

: H222 - Extremely flammable aerosol  
H229 - Pressurized container: may burst if heated  
H304 - May be fatal if swallowed and enters airways  
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS-US)

: P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Do not pierce or burn, even after use.  
P261 - Avoid breathing mist/vapors/spray.  
P271 - Use only outdoors or in a well-ventilated area.  
P301+P316 - IF SWALLOWED: Immediately call a poison center/doctor.  
P331 - Do NOT induce vomiting.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P319 - Get medical help if you feel unwell.  
P405 - Store locked up.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 - Dispose of contents/container in accordance with Federal, state and local laws and regulations.

### SECTION 3: Composition/information on ingredients

#### Mixture

Name	Product identifier (CAS No)	%
Distillates, petroleum, hydrotreated light	64742-47-8	70.0 – 85.0*
Acetone	67-64-1	10.0 – 25.0*

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Name	Product identifier (CAS No)	%
Novaluron	116714-46-6	0.2
Deltamethrin	52918-63-5	0.06
Pyriproxyfen	95737-68-1	0.02
Carbon dioxide	124-38-9	1.0 – 5.0*

\*Ingredients not listed or listed with a weight % range are considered a trade secret and are withheld under 29 CFR 1910.1200(i).

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a physician or poison control center for treatment advice.

**IF SWALLOWED:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or physician. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.

**IF IN EYES:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eye. Call a physician or poison control center for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center for further treatment advice. Have the product container or label with you when calling a poison control center, doctor or veterinarian, or going for treatment.

#### 4.2. Most important symptoms and effects, both acute and delayed

Moderate but temporary skin irritation. Drowsiness or dizziness if inhaled. Vomiting may cause aspiration pneumonia. Long-term exposure to skin without washing may cause moderate skin effects such as redness, dryness, sloughing and shallow to deep fissuring.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Aspiration of this product during induced emesis can result in lung injury. If evacuation of stomach contents is considered necessary, use method least likely to cause aspiration, such as gastric lavage after endotracheal intubation.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry chemical. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Combustible liquid. Compressed gas. Containers may burst under fire conditions.

#### 5.3. Advice for firefighters

Firefighting instructions : Isolate fire area and evacuate downwind. DO NOT breathe gases, smoke or vapors generated. Wear self-contained breathing apparatus and full-protective clothing. Cool fire exposed areas and equipment.

### SECTION 6: Accidental release measures

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

General measures : Keep unauthorized personnel away. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Do not direct water at spill or source of leak. If possible, turn leaking containers so that gas escapes rather than liquid. Prevent entry into waterways, sewers, basements or confined areas. Eliminate all ignition sources and allow to discharge completely in well ventilated area.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Isolate the spill area. Keep unnecessary and unprotected personnel from entering. Absorb small spills with sand, vermiculite or other inert absorbent. 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.

Place contaminated material in appropriate container for disposal. After removal, flush contaminated area thoroughly with water. Pick up wash liquid with additional absorbent and place in a disposable container. Do not put spilled material back in the original container.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

RECOMMENDATIONS ARE INTENDED FOR MANUFACTURING, PACKAGING AND COMMERCIAL BLENDING WORKERS. PESTICIDE APPLICATORS AND WORKERS must refer to the product label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Handle and open container in a manner as to prevent spillage. Do not eat, drink or smoke while handling this product. Immediately wash off accidental splashes of the concentrate or spray mixture from skin, clothing and out of eyes. Avoid all sources of ignition.

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

Technical measures : See pesticide label for full information on product storage. Do not contaminate water, food or feed by storage of this product. Store away from sources of heat, out of direct sunlight and away from incompatible materials. Pesticides should be stored in secured areas away from children and animals. Containers may explode at or above listed maximum storage temperature.

Storage conditions : Store below 122 °F

Incompatible products : Avoid contact with strong oxidizers.

Incompatible materials : Sources of ignition. Heat sources.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Users of a pesticide product must refer to the product label for personal protective equipment requirements.

##### Exposure Guidelines:

COMPONENT	OSHA PEL	ACGIH TLV	NIOSH REL
Acetone	TWA: 1000 ppm or 2420 mg/m <sup>3</sup>	TWA: 500 ppm or 1210 mg/m <sup>3</sup> STEL: 750 ppm or 1815 mg/m <sup>3</sup>	
Petroleum distillates	500 ppm (TWA)		350 mg/m <sup>3</sup> (TWA) 1,800 mg/m <sup>3</sup> (CEIL)(15 min)
Carbon dioxide	TWA: 5000 ppm or 9000 mg/m <sup>3</sup>	TWA: 5000 ppm STEL: 30000 ppm	IDLH: 40000 ppm TWA: 5000 ppm or 9000 mg/m <sup>3</sup> STEL: 30000 ppm or 54000 mg/m <sup>3</sup>

**Engineering Controls:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.

**Respiratory Protection:** In areas of poor ventilation, use a NIOSH approved respirator with cartridges/canisters approved for organic vapors.

**Eye Protection:** Chemical goggles or safety glasses and full-face shield.

**Protective Gloves:** Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile, neoprene rubber, polyvinyl chloride (PVC) or Viton.

**Other Protective Clothing:** Long-sleeved shirt, long pants and shoes plus socks.

**General Safety Measures:** Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately after handling this product. Wash outside of gloves before removing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Compressed gas/liquid

Appearance : Aerosol

Color : No data Available.

Odor : Strong alcohol

Odor threshold : No data available

pH : 5.0 - 5.5

Relative evaporation rate (butyl acetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

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Flash point	: < 75°F (< 23.89°C) (concentrate)
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative density	: 0.811 (typical)
Solubility	: No data available
Viscosity	: 1.34 cP at 25°C, 1.10 cP at 39°C

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No hazardous chemical reactions known if stored and handled as indicated.

#### 10.2. Chemical stability

Stable under normal storage and handling conditions.

#### 10.3. Possibility of hazardous reactions

No potential for hazardous reactions known if stored and handled as indicated.

#### 10.4. Conditions to avoid

Exposure to temperatures above 122°F (50°C). Avoid all sources of ignition: heat, sparks, open flames. Avoid prolonged storage.

#### 10.5. Incompatible materials

Strong oxidizers.

#### 10.6. Hazardous decomposition products

Thermal decomposition may produce toxic carbon and nitrogen oxides, and halogenated hydrocarbons.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Likely Routes of Exposure:</b>	Eye contact, Skin contact, Inhalation, Ingestion
<b>Symptoms of Exposure:</b>	Moderate but temporary skin irritation. Drowsiness and/or dizziness.
<b>Oral LD50:</b>	>5,000 mg/kg (rat)
<b>Dermal LD50:</b>	>5,050 mg/kg (rat)
<b>Inhalation LC50:</b>	>2.17 mg/L (rats)(no mortality at this concentration)
<b>Eye Irritation/Damage:</b>	Non-irritant (rabbit)
<b>Skin Corrosion/Irritation:</b>	Mild irritation with all effects clearing in 72 hours (rabbit)
<b>Skin Sensitization:</b>	Non-sensitizer (guinea pig)
<b>Chronic/Subchronic Toxicity:</b>	No data available on the mixture
<b>Mutagenicity:</b>	No data available on the mixture
<b>Reproductive Toxicity:</b>	No data available on the mixture
<b>Neurotoxicity:</b>	No data available on the mixture
<b>Target Organs:</b>	No data available on the mixture
<b>Aspiration Hazard:</b>	Contains petroleum distillates so concentrate prior to adding propellant may be an aspiration hazard.

#### Carcinogenicity:

Chemical Name	ACGIH	IARC	NTP	OSHA
Deltamethrin		Group 3		

### SECTION 12: Ecological information

#### Environmental Hazards Statement from FIFRA Regulated Pesticide Label:

This product is toxic to fish and aquatic organisms. Do not apply directly to any body of water. 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.

#### ECOTOXICITY DATA:

<b>Fish Toxicity:</b>	No data available on the mixture
<b>Aquatic Invertebrate Toxicity:</b>	No data available on the mixture
<b>Aquatic Plant Toxicity:</b>	No data available on the mixture
<b>Avian Toxicity:</b>	No data available on the mixture
<b>Honeybee Toxicity:</b>	No data available on the mixture
<b>ENVIRONMENTAL EFFECTS:</b>	
<b>Persistence and Degradability:</b>	No data available on the mixture
<b>Bioaccumulation:</b>	No data available on the mixture

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**Mobility:** No data available on the mixture  
**Other Adverse Effects:** No data available on the mixture

### SECTION 13: Disposal considerations

**Waste Disposal:** Refer to the pesticide label for full information on disposal. Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

**Container Disposal:** Refer to the pesticide label for full information on disposal. When possible, triple rinse the container and offer for recycling if available.

**RCRA Characteristics:** It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste. Empty aerosol cans may meet the definition of RCRA D003. Consult local and/or regional EPA for further guidance.

### SECTION 14: Transport information

**DOT (Ground):** UN1950, Aerosols, flammable, 2.1  
This product may be classified as Limited Quantity.

**IMDG (Sea):** UN1950, Aerosols, flammable, 2.1, Marine Pollutant

**IATA (Air):** UN1950, Aerosols, flammable, 2.1

### SECTION 15: Regulatory information

**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 required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

#### CAUTION

Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

**TSCA Inventory:** This product is exempt from TSCA inventory listing requirements as it is solely for FIFRA regulated use.

SARA Title III Information:

Section 302 – Extremely hazardous substances: None

Section 311/312 – Hazard Categories: Acute (Immediate); Fire; Sudden release of pressure

Section 313 – This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372: None listed

**CERCLA** – This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Chemical Name	CAS Number	RQ	Quantity of Finished Product
Acetone	67-64-1	5000 lbs	3,693 gallons of concentrate

#### CALIFORNIA PROPOSITION 65:

Chemical Name	CAS Number	Prop 65 Category(ies)
None listed		

#### U.S. STATE RIGHT-TO-KNOW REGULATIONS:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Acetone	X	X	X
Carbon dioxide	X	X	X
Distillates, petroleum, hydrotreated light	X	X	X

### SECTION 16: Other information

Other information : None.

SDS US (GHS HazCom 2012) - Pesticides

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*