



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, Inc.
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

Email address: 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)

Aspiration Hazard – Category 1

Flammable Aerosols – Category 1

Specific Target Organ Toxicity – Single Exposure – Category 3

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US)



Signal word (GHS-US)

DANGER

Hazard statements (GHS-US)

: May be fatal if swallowed and enters airways.
Extremely flammable aerosol.
May cause drowsiness or dizziness.

Precautionary statements (GHS-US)

: **Prevention:**
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Avoid breathing mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Response:
IF SWALLOWED: Immediately call a poison center/doctor. Do NOT induce vomiting.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.
Storage:
Store locked up. Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal:
Dispose of contents/container in accordance with Federal, state and local laws and regulations.

2.3. Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

Mixture

Name	Product identifier	%
Distillates, petroleum, hydrotreated light	(CAS No) 64742-47-8	70.0 – 85.0%
Acetone	(CAS No) 116714-46-6	10.0 – 25.0%
Novaluron	(CAS No) 113-48-4	0.2%
Deltamethrin	(CAS No) 52918-63-5	0.06%
Pyriproxyfen	(CAS No) 124-38-9	1.0 – 5.0%
Carbon dioxide	(CAS No) 124-38-9	1.0 – 5.0%

SECTION 4: First aid measures

4.1. Description of first aid measures

FIRST AID

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

Symptoms/injuries : Most important symptoms/effects, 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.
Note to Physician: 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.

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

No additional information available

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.

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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.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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.

7.3. Specific end use(s)

No additional information available

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.

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 : Characteristic solvent like

Odor threshold : No data available

pH : 5.0-5.5

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Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: <75 °F(concentrate)
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.811 (typical)
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity	: 1.34 cP at 25°C, 1.10 cP at 39°C
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

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

Likely Routes of Exposure:

Eye contact, Skin contact, Inhalation, Ingestion

Symptoms of Exposure:

Moderate but temporary skin irritation. Drowsiness and/or dizziness.

Oral LD50:

>5,000 mg/kg (rat)

Dermal LD50:

>5,050 mg/kg (rat)

Inhalation LC50:

>2.17 mg/L (rats)(no mortality at this concentration)

Eye Irritation/Damage:

Non-irritant (rabbit)

Skin Corrosion/Irritation:

Mild irritation with all effects clearing in 72 hours (rabbit)

Skin Sensitization:

Non-sensitizer (guinea pig)

Chronic/Subchronic Toxicity:

No data available on the mixture

Mutagenicity:

No data available on the mixture

Reproductive Toxicity:

No data available on the mixture

Neurotoxicity:

No data available on the mixture

Target Organs:

No data available on the mixture

Aspiration Hazard:

Contains petroleum distillates so concentrate prior to adding propellant may be an aspiration hazard.

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:

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

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.