



Bonide Flea Beater 7 Carpet and Upholstery Powder

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 Flea Beater 7 Carpet and Upholstery Dust
Product code : 538832914

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
T (315) 736-8231
www.bonide.com

1.4. Emergency telephone number

Emergency number : 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)

Skin Irrit. 2 H315

2.2. Label elements

GHS-US labeling



GHS07

Signal word (GHS-US) : Warning
Hazard statements (GHS-US) : H315 - Causes skin irritation

Precautionary statements (GHS-US) : P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P332+P313 - If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

0.5% Acute Oral Toxicity
0.5% Acute Dermal Toxicity
3.51% Acute Inhalation Toxicity
1.01% Eye Irritation
1.01% Skin Irritation
1.01% Skin sensitization

SECTION 3: Composition/information on ingredients

Mixture

Name	Product identifier	%
D-Limonene	(CAS No) 94266-47-4	2.0 – 3.0%
N-Octyl bicycloheptane dicarboximide	113-48-4	0.5%
Pyrethrins	8003-34-7	0.1%

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Name	Product identifier	%
Pyriproxyfen	95737-68-1	0.02%

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: 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 poison control center or doctor for further treatment advice..
First-aid measures after skin contact	: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
First-aid measures after eye contact	: Hold eye 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 eye. Call a poison control center or doctor for treatment advice.
First-aid measures after ingestion	: 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

Symptoms/injuries	: Inhalation may cause mild irritation of the respiratory tract. Mild eye irritation may occur. Repeated contact with skin may cause sensitization.
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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	: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide
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5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions	: Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Foam and/or dry chemical are preferred to minimize environmental contamination. If water is used, dike and collect water to prevent run-off. Wear self-contained breathing apparatus and full fire-fighting turn-out gear (Bunker gear).
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel.
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6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Keep spilled material and any rinsate from contaminating soil or from entering sewage and drainage systems and bodies of water.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Place contaminated material in appropriate container for disposal. After removal, flush contaminated area thoroughly with soap and 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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6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

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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 powder from skin, clothing and out of eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : **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.

Incompatible products : Strong bases. Strong acids.

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.

Exposure Guidelines:

COMPONENT	OSHA PEL	ACGIH TLV	NIOSH REL
Nuisance Dust	5 mg/m ³ (resp. fraction) 15 mg/m ³ (total dust)		
Pyrethrins	5 mg/m ³ (TWA)	5 mg/m ³ (TWA)	5 mg/m ³ (TWA)

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 pesticides.

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 : Solid
Appearance : Light Brown powder
Color : Light Brown
Odor : Citrus
Odor threshold : No data available
pH : 7.5
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	:	>200 °F
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
Bulk density	:	54 lbs/ft ³
Solubility	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with strong acids, some metals and strong bases.

10.2. Chemical stability

Stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

Reacts with strong acids to release toxic/combustible gases/vapors (hydrogen sulfide). Reacts violently with some metals

10.4. Conditions to avoid

Excessive heat, sources of ignition

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Thermal decomposition may produce toxic carbon, nitrogen and sulfur oxides

SECTION 11: Toxicological information

Likely Routes of Exposure: Eye contact, Skin contact, Inhalation, Ingestion

Symptoms of Exposure: Respiratory tract irritation, mild eye irritation and skin sensitization.

Oral LD50: >2,300 mg/kg (Estimated based upon component data)

Dermal LD50: >2,000 mg/kg (Estimated based upon component data)

Inhalation LC50: 4.9 mg/L (4-hr)(Estimated based upon component data) No components are acutely toxic via inhalation.

Eye Irritation/Damage: Not anticipated to cause more than mild mechanical eye irritation based upon component data.

Skin Corrosion/Irritation: Not anticipated to cause more than mild skin irritation based upon component data.

Skin Sensitization: Anticipated to cause skin sensitization based upon component data.

Chronic/Subchronic Toxicity: No data available

Mutagenicity: No data available

Reproductive Toxicity: No data available

Neurotoxicity: No data available

Target Organs: Respiratory tract

Aspiration Hazard: Not applicable

SECTION 12: Ecological information

Environmental Hazards Statement from FIFRA Regulated Pesticide Label:

None required.

ECOTOXICITY DATA:

The data presented below is on technical pyriproxyfen.

Fish Toxicity: *L. macrochirus*: 96 hr LC₅₀ >0.27 mg/L

Aquatic Invertebrate Toxicity: *Daphnia magna*: 48 hr EC₅₀ = 0.4 mg/L

Aquatic Plant Toxicity: *Selenastrum capricornutum*: 72 hr EC₅₀ = 0.15 mg/L

Avian Toxicity: Bobwhite quail: Oral LD₅₀ >1,906 mg/kg

Honeybee Toxicity: Oral LD₅₀ >98.3 µg/bee

ENVIRONMENTAL EFFECTS:

Persistence and Degradability: No data available

Bioaccumulation: No data available

Mobility: No data available

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Other Adverse Effects: No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : **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.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT
No dangerous good in sense of transport regulations

Additional information

Other information : No supplementary information available.

SECTION 15: Regulatory information

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

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating or smoking.

15.1. US Federal regulations

No additional information available

15.2. International regulations

No additional information available

15.3. US State regulations –Right to know

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium sulfate, anhydrous		X	X
Pyrethrins	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.