



Bonide Mosquito Beater WSP (Water Soluble Pouches)

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 Mosquito Beater WSP (Water Soluble Pouches)
Product code : 4455

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

Use of the substance/mixture : Larvicide

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
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)

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

Mixture

Name	Product identifier	%
Bacillus thuringiensis subsp. Israelensis		1.7

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Remove the person into fresh air.
First-aid measures after skin contact : Brush off loose particles from skin. Gently wash with plenty of soap and water.
First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion : Consult a doctor/medical service if you feel unwell.

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

Symptoms/injuries after inhalation : May cause slight respiratory irritation.
Symptoms/injuries after skin contact : May cause transient skin irritation.
Symptoms/injuries after eye contact : Causes moderate eye irritation.
Symptoms/injuries after ingestion : If signs of toxicity occur call a physician or Poison Control Center.

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

No additional information available

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water. Carbon dioxide. Foam. Dry powder.
Unsuitable extinguishing media : (Materials to avoid) Alkaline conditions above pH 9 (may denature products).

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear.

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Carefully collect the spill/leftovers.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Protect from moisture.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool dry place. Store in original container.
Storage temperature : 59 - 86°F (15 - 30°C)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Tan/golden granules in clear packet.
Color : Tan/golden.
Odor : Minimal, if any.
Odor threshold : No data available
pH : 5.8 (10% dispersion in water)
Melting point/ Freezing point : No data available
Flash point : No data available
Solubility : Suspends and partially soluble
Decomposition temperature : No data available
Flammability (solid, gas) : Not flammable
Bulk Density : 0.36 g/ml

SECTION 10: Stability and reactivity

10.1. Reactivity

Material does not pose a significant reactivity hazard.

10.2. Chemical stability

Stable under ordinary conditions of use and storage. Spontaneous reaction not possible.

10.3. Possibility of hazardous reactions

Does not undergo hazardous polymerization.

10.4. Conditions to avoid

Avoid moisture and high storage temperatures.

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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Carbon oxides and unidentified organic compounds.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

LIKELY ROUTES OF EXPOSURE

Eye Contact: Yes

Skin Contact: Yes

Ingestion: No

Inhalation: No

ACUTE EFFECTS : Product Toxicology Studies (Data for product)

ORAL TOXICITY: LD50 > 5,000 mg/kg (rat)

DERMAL TOXICITY: LD50 > 5,000 mg/kg (rabbit)

INHALATION TOXICITY: LC50 > 0.014 mg/L air (rat- nose only; maximum feasible concentration)

CORROSIVENESS: Not corrosive.

DERMAL IRRITATION: Weakly irritating

OCULAR IRRITATION: Mildly irritating

DERMAL SENSITIZATION: Not a sensitizer (guinea pig)

MUTAGENICITY INFORMATION: Components of this product are not listed as mutagens.

CARCINOGENICITY INFORMATION: Components of this product are not listed as carcinogenic by NTP, IARC or OSHA.

DEVELOPMENTAL/REPRODUCTIVE TOXICITY: This material is not pathogenic

SPECIAL TARGET ORGAN EFFECTS: Eye and mucus membrane Irritation.

ASPIRATION HAZARD: Not Applicable

REPEAT DOSE STUDIES: Not Applicable, Pathogenicity Toxicity testing was all negative

SECTION 12: Ecological information

12.1. Toxicity

(Data for a Concentrated Technical Powder)

Fish: LC50 >370 mg/L (96-H, Rainbow Trout)

Bird: LC50 >3077 mg /kg (6.2 x 10¹¹ cfu/kg) (Acute Oral - Bobwhite Quail)

LC50 >3077 mg /kg (6.2 x 10¹¹ cfu/kg) each day for 5 days (Sub-Acute Oral (dietary) - Bobwhite Quail)

Invertebrates: EC50 >50 mg/L (48-H) (Daphnia)

Bees: Essentially nontoxic to honey bees

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Substance is not pathogenic to non-target organisms

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Do not apply directly to treated finished drinking water reservoirs or drinking water receptacles when water is intended for human consumption.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of product in accordance with federal, state, provincial, and local regulations. Prevent contamination of environment by wastes.

SECTION 14: Transport information

Not regulated for transport by DOT.

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:

Harmful if inhaled or absorbed through the skin. Avoid contact with skin or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

SECTION 16: Other information

No other information available.

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.