Bonide Spider Killer Ready to Use
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 Spider Killer Ready to Use
Product code: 4440(3)

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)
Not classified

2.2. Label elements
GHS-US labeling
No labeling applicable

2.3. Other hazards
Possibly harmful if inhaled.
Possibly harmful to aquatic life. Avoid release to the environment.
Do not use in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard

SECTION 3: Composition/information on ingredients

Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deltamethrin</td>
<td>(CAS No) 52918-63-5</td>
<td>0.02</td>
</tr>
</tbody>
</table>

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: Assure fresh air breathing. Allow the person to rest.
First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media
Unsuitable extinguishing media: Do not use a heavy water stream.
5.2. Special hazards arising from the substance or mixture
No additional information available

5.3. Advice for firefighters
Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
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.

6.1.2. For emergency responders
Protective equipment:
Emergency procedures: Ventilate area.

6.2. Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Keep only in the original container in a cool, well ventilated place away from children. Keep container closed when not in use.
Incompatible products: Strong bases, strong acids.
Incompatible materials: Sources of ignition.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Bonide Spider Killer Ready to Use</th>
<th>DNEL</th>
<th>DNEL</th>
<th>&lt;</th>
</tr>
</thead>
</table>

8.2. Exposure controls
Personal protective equipment: Avoid all unnecessary exposure.
Hand protection: Wear protective gloves.
Eye protection: Chemical goggles or safety glasses.
Respiratory protection: Wear approved mask.
Other information: When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state: Liquid
Color: White
Odor: Odorless
pH: 6.5 - 7
Relative density: 1.03

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available
10.2. Chemical stability
Not established.

10.3. Possibility of hazardous reactions
Not established.

10.4. Conditions to avoid
Extremely high or low temperatures.

10.5. Incompatible materials
Strong acids. Strong bases.

10.6. Hazardous decomposition products
No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Not classified</th>
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</thead>
</table>

**Deltamethrin (52918-63-5)**

<table>
<thead>
<tr>
<th>LD50 oral rat</th>
<th>128 mg/kg (Rat)</th>
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<table>
<thead>
<tr>
<th>Skin corrosion/irritation</th>
<th>Not classified</th>
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</thead>
<tbody>
<tr>
<td>pH: 6.5 - 7</td>
<td></td>
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<table>
<thead>
<tr>
<th>Serious eye damage/irritation</th>
<th>Not classified</th>
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<tbody>
<tr>
<td>pH: 6.5 - 7</td>
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</table>

<table>
<thead>
<tr>
<th>Respiratory or skin sensitization</th>
<th>Not classified</th>
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<table>
<thead>
<tr>
<th>Germ cell mutagenicity</th>
<th>Not classified</th>
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<table>
<thead>
<tr>
<th>Carcinogenicity</th>
<th>Not classified</th>
</tr>
</thead>
</table>

**Deltamethrin (52918-63-5)**

<table>
<thead>
<tr>
<th>IARC group</th>
<th>3 - Not Classifiable</th>
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<table>
<thead>
<tr>
<th>Reproductive toxicity</th>
<th>Not classified</th>
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<table>
<thead>
<tr>
<th>Specific target organ toxicity (single exposure)</th>
<th>Not classified</th>
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<table>
<thead>
<tr>
<th>Specific target organ toxicity (repeated exposure)</th>
<th>Not classified</th>
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<table>
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<tr>
<th>Aspiration hazard</th>
<th>Not classified</th>
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| Potential Adverse human health effects and symptoms | Based on available data, the classification criteria are not met. |

SECTION 12: Ecological information

12.1. Toxicity

**Deltamethrin (52918-63-5)**

<table>
<thead>
<tr>
<th>LC50 fish 1</th>
<th>0.0005 mg/l 48 h; Salmo gairdneri (Oncorhynchus mykiss)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>EC50 Daphnia 1</th>
<th>0.000113 mg/l (24 h; Daphnia magna; Locomotor effect)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>LC50 fish 2</th>
<th>0.001 mg/l (48 h; Gambusia affinis)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>EC50 Daphnia 2</th>
<th>0.000031 mg/l (48 h; Daphnia magna; Locomotor effect)</th>
</tr>
</thead>
</table>

12.2. Persistence and degradability

**Bonide Spider Killer Ready to Use**

Persistence and degradability | Not established.

**Deltamethrin (52918-63-5)**

Persistence and degradability | Not established.

12.3. Bioaccumulative potential

**Bonide Spider Killer Ready to Use**

Bioaccumulative potential | Not established.

**Deltamethrin (52918-63-5)**

Bioaccumulative potential | Not established.
### Section 12: Mobility in soil

No additional information available

### Section 12.5: Other adverse effects

| Other information | Avoid release to the environment. |

### Section 13: Disposal considerations

<table>
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<tr>
<th>Waste treatment methods</th>
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<tr>
<td>Waste disposal recommendations</td>
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<tr>
<td>Ecology - waste materials</td>
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### 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: KEEP OUT OF REACH OF CHILDREN**

Contact with product may result in transit tingling and reddening of the skin. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling.

### 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.*