Bonide Tomato & Vegetable 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 Tomato & Vegetable Ready to Use
Product code : 67702154

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture : Insecticide, Fungicide

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 corrosion/irritation 3 H316
- Eye irritation 2B H320
- Acute toxicity, inhalation 5 H333

2.2. Label elements
GHS-US labeling
- Signal word (GHS-US) : Warning
- Hazard statements (GHS-US) : H316 - Causes mild skin irritation
- H320 - Causes eye irritation
- H333 - May be harmful if inhaled
- Precautionary statements (GHS-US) : P281 - Wear protective gloves
- P303 + P352 - IF ON SKIN (or hair): Wash with plenty of soap and water
- P333 + P311 - If skin irritation or rash occurs: Call a Poison Center or doctor/physician.
- P305 + P351 - If on eye: Rinse cautiously with water for several minutes.
- P403+P235 - Store in a well-ventilated place. Keep cool
- P501 - Dispose of contents/container to in accordance with local/regional/national regulations

SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sulfur, solid</td>
<td>(CAS No) 7704-34-9</td>
<td>0.2</td>
</tr>
<tr>
<td></td>
<td>Pyrethrins</td>
<td>(CAS No) 8003-34-7</td>
<td>0.01</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 for breathing. Allow the person to rest.
First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.
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
General measures: Remove ignition sources. Use special care to avoid static electric charges.

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. 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. Use only non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.
Storage conditions: Keep only in the original container in a cool, well ventilated place away from children. Keep in fireproof place. Keep container tightly closed.
Incompatible products: Strong bases. Strong acids.
Incompatible materials: Sources of ignition. Heat sources.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Components with limited values that require monitoring at the workplace: Not required.

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: In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 26 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.
Other information: When using, do not eat, drink or smoke.
# Bonide Tomato & Vegetable Ready to Use

## Safety Data Sheet

**SECTION 9: Physical and chemical properties**

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Pale yellow, translucent liquid.</td>
</tr>
<tr>
<td>Color</td>
<td>Opaque to light yellow.</td>
</tr>
<tr>
<td>Odor</td>
<td>Sulfur smell</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>5.00 ± 0.20</td>
</tr>
<tr>
<td>Relative evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>Non combustible</td>
</tr>
<tr>
<td>Density @ 20°C (68°F)</td>
<td>0.99 ± 0.03 g/mL</td>
</tr>
<tr>
<td>Danger of Explosion</td>
<td>Product does not present an explosion hazard</td>
</tr>
<tr>
<td>Viscosity</td>
<td>350 ± 150 cPs (Brookfield LVF)</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Miscible in all proportions</td>
</tr>
</tbody>
</table>

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Stable under normal temperatures and pressures.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

Exposure to excessive heat.

### 10.5. Incompatible materials

None Known.

### 10.6. Hazardous decomposition products

CO2, CO, SO2, H2S.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity**

LD50 (oral) (rat)>5000 mg/kg; LD50 (dermal) >5000 mg/kg

**Routes of Entry**

- **Skin:** Causes mild skin irritation
- **Eyes:** Causes eye irritation
- **Ingestion:** None Identified
- **Inhalation:** May be harmful if inhaled

**Carcinogenic Categories**

- IARC (International Agency for Research on Cancer): Substance is not listed
- NTP (National Toxicology Program): Substance is not listed

## SECTION 12: Ecological information

### 12.1. Toxicity

No further relevant information available

### 12.2. Persistence and degradability

No further relevant information available

### 12.3. Bioaccumulative potential

No further relevant information available

### 12.4. Mobility in soil

No further relevant information available

Revision date: 01/22/2020  EN (English US)
12.5. Other adverse effects
No studies have been found.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to in accordance with local/regional/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information
DOT Classification: Not regulated by US DOT Highway regulations.
U.S. Surface Freight Classification: NMFC item 155050, LTL Class: 70 Insecticide
UN Number: Non-Hazardous. Not regulated.
Marine Pollutant: No
Packing Group: Not regulated.
ADR Class (road): Not regulated.
Proper Shipping Name(s): Not regulated.
Reportable Quantity: None

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.

15.1. US Federal regulations
Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture
SARA: N/A
Section 355 (Extremely Hazardous Substance): Substance is not listed.
Section 313 (Specific Toxic Chemical Listings): Substance is not listed.
TSCA (Toxic Substance Control Act): Substance is not listed.

15.2. US State regulations
Proposition 65
Chemicals Known to Cause Cancer: Substance is not listed.
Chemicals Known to Cause Reproductive Toxicity for Females: Substance is not listed.
Chemicals Known to Cause Reproductive Toxicity for Males: Substance is not listed.
Chemicals Known to Cause Developmental Toxicity: Substance is not listed.
National Regulations: Substance is not listed.
State Right to Know: Substance is not listed.

SECTION 16: Other information
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.*