



# Bonide Bontone II Rooting 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 Bontone II Rooting Powder  
Product code : 4489

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

#### 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](http://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

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

### SECTION 3: Composition/information on ingredients

#### Mixture

| Name                  | Product identifier | %   | Classification (GHS-US)                              |
|-----------------------|--------------------|-----|--|
| Indole-3-Butyric Acid | (CAS No) 133-32-4  | 0.1 | Acute Tox. 4 (Oral), H302<br>Aquatic Chronic 2, H411 |

### 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 victim 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

suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

# Bonide Bontone II Rooting Powder

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 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.
- 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 : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

### 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 : Scoop solid spill into closing containers. Minimize generation of dust. Store away from other materials.

### 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 : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from moisture. Keep container closed when not in use. Store in original container.

Incompatible products : Strong bases. strong acids.

Incompatible materials : Sources of ignition.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 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 : Solid

Appearance : White to light tan color powder.

Color : white to tan.

Odor : Minimal, if any.

Odor threshold : No data available

pH : No data available

Relative evaporation rate (butyl acetate=1) : No data available

# Bonide Bontone II Rooting Powder

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

|                                 |                     |
|---------------------------------|---------------------|
| Melting point                   | : No data available |
| Freezing point                  | : No data available |
| Boiling point                   | : No data available |
| Flash point                     | : No data available |
| 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                | : No data available |
| Solubility                      | : Negligible.       |
| Log Pow                         | : No data available |
| Log Kow                         | : No data available |
| Viscosity, kinematic            | : No data available |
| Viscosity, dynamic              | : No data available |
| Explosive properties            | : No data available |
| Oxidizing properties            | : No data available |
| Explosive limits                | : No data available |

### 9.2. Other information

No additional information 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.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### Indole-3-Butyric Acid (94-82-6)

|               |                 |
|---------------|-----------------|
| LD50 oral rat | 700 mg/kg (Rat) |
|---------------|-----------------|

|  |                  |
|--|------------------|
| Skin corrosion/irritation                        | : Not classified |
| Serious eye damage/irritation                    | : Not classified |
| Respiratory or skin sensitization                | : Not classified |
| Germ cell mutagenicity                           | : Not classified |
| Carcinogenicity                                  | : Not classified |
| Reproductive toxicity                            | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

# Bonide Bontone II Rooting Powder

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Toxicity

| Indole-3-Butyric Acid (94-82-6)           |                                      |
|---|--------------------------------------|
| LC50 fish 1                               | 6.3 mg/l (96 h; Cyprinus carpio)     |
| LC50 other aquatic organisms 1            | 1 - 10 mg/l (96 h)                   |
| LC50 fish 2                               | 7.4 mg/l (96 h; Lepomis macrochirus) |
| TLM other aquatic organisms 1             | 70 - 280                             |
| Threshold limit other aquatic organisms 1 | 1 - 10,96 h                          |

#### 12.2. Persistence and degradability

| Bonide Bontone II Rooting Powder |                  |
|----------------------------------|------------------|
| Persistence and degradability    | Not established. |

#### 12.3. Bioaccumulative potential

| Bonide Bontone II Rooting Powder |                  |
|----------------------------------|------------------|
| Bioaccumulative potential        | Not established. |

| Indole-3-Butyric Acid (94-82-6) |      |
|---------------------------------|------|
| Log Pow                         | 3.53 |

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
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.

#### ADR

Transport document description :

#### Transport by sea

No additional information available

#### Air transport

No additional 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 eye irritation. Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

#### 15.1. US Federal regulations

| Bonide Bontone II Rooting Powder  |  |
|---|--|
| Not listed on the United States TSCA (Toxic Substances Control Act) inventory |  |

# Bonide Bontone II Rooting Powder

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

#### Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

#### 15.2.2. National regulations

No additional information available

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

Other information : None.

Full text of H-phrases: see section 16:

|                     |  |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4                                 |
| Aquatic Chronic 2   | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| H302                | Harmful if swallowed   |
| H411                | Toxic to aquatic life with long lasting effects                  |

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.*