Bonide Captain Jacks Deadbug Brew Flower and Vegetable Garden Dust
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 Captain Jacks Deadbug Brew Flower and Vegetable Garden Dust
Product code: 4479

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
No additional information available

2.4. Unknown acute toxicity (GHS-US)
No data available

SECTION 3: Composition/information on ingredients
Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier (CAS No)</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>spinosyd D</td>
<td>131929-63-0</td>
<td>0.0005-0.001</td>
<td>Not classified</td>
</tr>
<tr>
<td>spinosyd A</td>
<td>131929-60-7</td>
<td>0.0005-0.001</td>
<td>Not classified</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.
Symptoms/injuries after eye contact: Nuisance dust may cause mechanical EYE irritation. Excessive concentrations of a nuisance dust may cause reactions such as coughing, sneezing and nasal irritation.

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: 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: On land, sweep or shovel into suitable 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. Provide good ventilation in process area to prevent formation of vapor.

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

Storage conditions: Store in a dry place. Keep container closed when not in use.

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**

| Captain Jacks Deadbug Brew Flower and Vegetable Garden Dust | DNEL | DNEL | < |

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
**Bonide Captain Jacks Deadbug Brew Flower and Vegetable Garden Dust**  
Safety Data Sheet  
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### Appearance
- White to light tan color powder.

### Color
- White to tan.

### Odor
- Odorless.

### Odor threshold
- No data available

### pH
- No data available

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

### 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
- No data available

### 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

### Other information

*No additional information available*

## SECTION 10: Stability and reactivity

### Reactivity
- No additional information available

### Chemical stability
- Stable under normal conditions.

### Possibility of hazardous reactions
- Not established.

### Conditions to avoid
- Moisture. Extremely high or low temperatures.

### Incompatible materials
- Strong acids. Strong bases.

### Hazardous decomposition products
- Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
</tbody>
</table>
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified
Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.
Symptoms/injuries after eye contact: Nuisance dust may cause mechanical EYE irritation. Excessive concentrations of a nuisance dust may cause reactions such as coughing, sneezing and nasal irritation.

SECTION 12: Ecological information

12.1. Toxicity
No additional information available

12.2. Persistence and degradability
Bonide Captain Jacks Deadbug Brew Flower and Vegetable Garden Dust
Persistence and degradability: Not established.

12.3. Bioaccumulative potential
Bonide Captain Jacks Deadbug Brew Flower and Vegetable Garden Dust
Bioaccumulative potential: Not established.

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

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:

Keep out of Reach of Children

15.1. US Federal regulations
No additional information available

15.2. International regulations
No additional information available

15.3. US State regulations
No additional information available

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.