## Section 1: Identification

**Product Name:** BioCeres® WP  
**Product Type / Description:** Wettable Powder Insecticide  
**Recommended Use:** Insecticide  
**Other Means of Identification:** Beauveria bassiana  
**Use Restrictions:** It is a violation of federal law to use this product in a manner inconsistent with its labeling.  
**Distributor:** BioSafe Systems, LLC 22 Meadow Street | East Hartford, CT 06108  
**EPA Registration #:** 89600-2  
**Canada PMRA Registration #:** 31230  
**Telephone Number:** 1-888-273-3088  
**Emergency Number:** 1-800-424-9300 (CHEMTREC)

## Section 2: Hazard Identification

### GHS Classification

- Oral Acute Toxicity: Category 4  
- Dermal Acute Toxicity: Category 5  
- Eye Irritant: Category 2B

### Hazard Statements

- H302: Harmful if swallowed  
- H316: Causes mild skin irritation  
- H320: Causes eye irritation

### Pictograms

- !

### Signal Word

- WARNING

### Precautionary Statements

#### General

- P101: If medical advice is needed, have product container or label at hand.  
- P102: Keep out of reach of children.  
- P103: Read label before use.

#### Response

- P301 + P310 + P330 + P331: IF SWALLOWED: Immediately call a POISON CENTER or doctor for treatment advice. Rinse mouth. Do NOT induce vomiting.  
- P302 + P306 + P361 + P353 + P314: IF ON SKIN: Remove/take off contaminated clothing. Rinse skin with water/shower. Get medical attention if victim is feeling unwell.  
- P303 + P351 + P338 + P314: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if victim is feeling unwell.  
- P305 + P351 + P338 + P314: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if victim is feeling unwell.

#### Prevention

- P264: Wash thoroughly after handling.  
- P280: Wear protective gloves, clothing, eye protection, face protection.

#### Storage / Disposal

- P402 + P404: Store in a dry place. Store in a closed container.  
- P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

## Section 3: Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No</th>
<th>% Composition (w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beauveria bassiana, strain ANT-03</td>
<td>63428-82-0</td>
<td>20.0%</td>
</tr>
<tr>
<td>Proprietary Blend of Other Ingredients</td>
<td></td>
<td>80.0%</td>
</tr>
</tbody>
</table>

## Section 4: First-Aid Measures

### Eye Contact:

Hold open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

### Skin Contact:

Take off contaminated clothing. Rinse immediately with running water 15-20 minutes. Wash the area exposed with soap.

### Ingestion:

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

### Inhalation:

Move person to fresh air. If person is not breathing, call first aid responder, then give artificial respiration preferably mouth-to-mouth.
Section 5: Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, dry chemical, alcohol foam, or carbon dioxide.
- **Unsuitable Extinguishing Media:** None.
- **Combustion Products:** None.
- **Unusual Fire and Explosion Hazards:** None.
- **Protective Equipment for Firefighters:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Section 6: Accidental Release Measures

- **Personal Precautions:** Wear personal protection equipment against potential contact with the spilt product when working on stopping the release/repairing the leak.
- **Emergency Procedures:** Remove persons not wearing protective clothing from spill area.
- **Environmental Precautions:** Protect streams and sewers from contamination.
- **Methods and Material for Containment and Clean-Up:** Physicochemical properties allow usage of any absorbent material.

Section 7: Handling and Storage

- **Handling:** Wear personal protective equipment to avoid inhalation, contact with skin and eyes. Remove clothing immediately if product gets inside, then clean thoroughly and put on clean clothing.
- **Storage:** Keep container hermetically sealed preventing humidity penetration; Keep separate from food and animal feed. Keep storage temperature cool (<45°F).
- **Incompatible Materials:** Strong acids, strong bases.

Section 8: Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH</th>
<th>NIOSH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Beauveria bassiana</em></td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

- **Engineering Controls:** Adequate ventilation.
- **General Hygienic Practices:** Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- **Personal Protective Equipment:** Protective clothing, safety glasses, gloves.
- **Respiratory Protection:** None needed during normal use.
- **Eye / Face Protection:** Safety glasses / goggles.
- **Hands:** Latex or nitrile gloves.
- **Skin / Body:** Wear suitable protective clothing.

Section 9: Physical and Chemical Properties

- **Appearance:** Fine white powder.
- **Odor:** Earthy.
- **Odor Threshold:** Not available.
- **pH:** Not available.
- **Specific Gravity:** 0.45 g/cm³
- **Freezing Point:** Not available.
- **Melting Point:** Not available.
- **Flammability:** Not available.
- **Flammability Limits:** Not available.
- **Boiling Point:** Not available.
- **Vapor Pressure:** Not available.
- **Vapor Density:** Not available.
- **Auto-Ignition Temperature:** Not available.
- **Density:** Not available.
- **Partition Coefficient n-octanol / water:** Not available.

Section 10: Stability and Reactivity

- **Stability:** Stable under ordinary conditions of use and storage.
- **Conditions to Avoid:** Avoid high temperatures (>86°F), UV light, and humidity.
- **Incompatible Materials:** Strong acids, strong bases.
- **Hazardous Decomposition Products:** Not applicable.
### Section 11: Toxicological Information

#### Acute Toxicological Data

<table>
<thead>
<tr>
<th>Route</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD₅₀</td>
<td>&gt; 2000mg/kg (rat)</td>
</tr>
<tr>
<td>Dermal LD₅₀</td>
<td>&gt; 5000mg/kg (rat)</td>
</tr>
</tbody>
</table>

**Likely Routes of Exposure:** Inhalation, eye contact, skin contact.

#### Symptoms and Effects

<table>
<thead>
<tr>
<th>Condition</th>
<th>Acute Effects</th>
<th>Chronic (Delayed) Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact</td>
<td>May cause moderate eye irritation.</td>
<td>None.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>May cause mild irritation.</td>
<td>None.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>May cause respiratory tract irritation.</td>
<td>None.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May be harmful if swallowed.</td>
<td>None.</td>
</tr>
</tbody>
</table>

### Section 12: Ecological Information

#### Ecotoxicity

May be harmful, limit to areas beyond 50 feet from aquatic habitats.

#### Persistence and Degradability

Not applicable.

#### Bioaccumulation Potential

Not applicable.

#### Mobility in Soil

Minimal.

#### Other Adverse Effects

Not applicable.

### Section 13: Disposal Considerations

**Waste from Residues and Unused Product:**
Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Contaminated Container Disposal:**
Do not reuse or refill this container. Triple rinse empty containers with clean water. Clean and empty containers are to be recycled or placed in the trash.

### Section 14: Transport Information

<table>
<thead>
<tr>
<th>UN Number</th>
<th>UN Proper Shipping Name</th>
<th>Hazard Class (Subsidiary)</th>
<th>Label (Subsidiary)</th>
<th>Packing Group</th>
<th>Marine Pollutant</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Not Regulated

### Section 15: Regulatory Information

**TSCA Inventory List:**
No

**US EPA CERCLA Hazardous Substances:**
Not applicable.

**SARA Title III Sec. 302/303**
Not applicable.

**SARA Title III Sec. 311/312**
Not applicable.

**US EPA EPCRA Sec. 313**
Not applicable.

**NFPA Rating**
Health: 1  Flammability: 0  Reactivity: 0  Special: Not applicable.

**HMIS Rating**
Health: 1  Flammability: 0  Physical: 0  PPE: Recommended.

**CAN WHMIS Classification**
None.

**California Prop 65**
This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

**EPA**
This product is a registered Pesticide with the United States Environmental Protection Agency and is subject to EPA labeling requirements under the Federal Insecticide, Fungicide, and Rodenticide Act ("FIFRA"). These requirements may differ from the classification criteria and hazard information required for a safety data sheet under the Global Harmonized Systems (GHS), and for workplace labels of non-pesticides chemicals. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Always refer to product label for further precautionary information and use directions.

### Section 16: Other Information

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

To the extent of our knowledge, the information herein is accurate as of the date of this document. However, neither BioSafe Systems nor any of its affiliates make any warranty, expressed or implied, or accept any liability relating to the information or its use. The information is for use by technically skilled persons at their own discretion and risk. This is not a license or a patent. The user alone must finally determine suitability of any information or material for any contemplated use, the manner or use and whether any patents are infringed. Always read and follow label directions.

For additional information, call us toll-free at 1.888.273.3088 or visit www.biosafesystems.com

© 2018 BioSafe Systems, LLC.
Revision Date: 12/26/2018
Current Revision Number: 02
Key to Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygiene</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute of Occupational Safety and Health</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>EHS</td>
<td>Environmental Health and Safety</td>
</tr>
<tr>
<td>DOT</td>
<td>Department of Transportation</td>
</tr>
<tr>
<td>EPA</td>
<td>Environmental Protection Agency</td>
</tr>
<tr>
<td>TPQ</td>
<td>Threshold Planning Quantity</td>
</tr>
<tr>
<td>CERCLA</td>
<td>Comprehensive Environmental Response, Compensation, and Liability Act</td>
</tr>
<tr>
<td>NFPA</td>
<td>National Fire Protection Association</td>
</tr>
<tr>
<td>WHMIS</td>
<td>Workplace Hazardous Materials Information System (Canada)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA</td>
<td>Time-Weighted Averages are based on 8h/day, 40h/week exposures</td>
</tr>
<tr>
<td>STEL</td>
<td>Short Term Exposure Limits are based on 15-minute exposures</td>
</tr>
<tr>
<td>STEV</td>
<td>Short Term Exposure Value</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>CAN TDG</td>
<td>Canadian Transportation of Dangerous Goods</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
</tr>
<tr>
<td>RQ</td>
<td>Reportable Quantity</td>
</tr>
<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act</td>
</tr>
<tr>
<td>NFPA</td>
<td>Hazardous Materials Identification System</td>
</tr>
<tr>
<td>EPCRA</td>
<td>Emergency Planning and Community Right-to-Know Act</td>
</tr>
</tbody>
</table>