



## Resistant Bed Bug Powder

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Resistant Bed Bug Powder  
**Product Code(s):** BLKBB-P4, BLKBB-P80  
**Other means of Identification:** 25(b)  
**Recommended Use:** Bio-insecticide

**Manufacturer/Marketer:**  
P.F. Harris Manufacturing Company, LLC  
P.O. Box 1922  
Cartersville, GA 30120  
Email: [info@pfharris.com](mailto:info@pfharris.com)  
[www.pfharris.com](http://www.pfharris.com)

Customer Service: 1-800-637-0317 or 770-667-6549,  
Monday-Friday, 9am – 5pm EST

**Emergency:**  
National Poison Control: 1-888-222-1222  
24 hour Emergency Telephone: 1-800-255-3924

### SECTION 2. HAZARDS IDENTIFICATION

**OSHA Regulatory Status:**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**HAZARDS CLASSIFICATION:**

Acute toxicity – Inhalation (Dusts/Mists) - Category 4  
Eye – Irritation – Category 2B

**SIGNAL WORD:** CAUTION

**GHS HAZARD PICTOGRAMS:**



**Hazard Statements:** Causes moderate eye irritation. May be harmful by inhalation – mechanical irritation.

**Acute/Potential Health Effects:**

**EYES:** May cause eye irritation.

**SKIN:** May cause mild irritation.

**INHALATION:** Inhalation of dusts may cause irritation to upper respiratory tract and mucous membranes.

**INGESTION:** May be irritating to the digestive tract: may cause gastric distress, stomach pains.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

| Chemical Name                              | CAS Number  | WT %  |
|--------------------------------------------|-------------|-------|
| Malic Acid                                 | 6915-15-7   | 0.50  |
| 2-phenethyl propionate                     | 122-70-3    | 0.50  |
| Silica gel, precipitated, crystalline-free | 112926-00-8 | 99.00 |

The remaining components of this product are non-hazardous or are in small enough quantities as to not to meet thresholds for disclosure. These components contain no substances or impurities which influence the classification of this product.

### SECTION 4. FIRST AID MEASURES

**EYES:** Hold eye 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. Call a poison control center or doctor for treatment advice.

**SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation persists get medical attention.

**INHALATION:** Remove affected person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**INGESTION:** If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

### SECTION 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Non-combustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain spillages. Dampening with water can reduce dust. Sweep or vacuum up and collect in suitable containers for recovery or disposal.

### SECTION 7. HANDLING AND STORAGE

**HANDLING:** Use this product only in a manner consistent with its labeling. Avoid generation of dusts. Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes.

**STORAGE:** Keep container closed in a dry and cool place. Keep in properly labeled containers.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

| EXPOSURE GUIDELINES                                    |  | EXPOSURE LIMITS |       |           |             |              |       |
|--------------------------------------------------------|--|-----------------|-------|-----------|-------------|--------------|-------|
|                                                        |  | OSHA PEL        |       | ACGIH TLV |             | Supplier OEL |       |
| Chemical Name                                          |  | ppm             | mg/m3 | ppm       | mg/m3       | ppm          | mg/m3 |
| Silica, Amorphous – precipitated silica and silica gel |  |                 |       |           | 6 8h<br>TWA |              |       |

**ENGINEERING CONTROLS:** Eyewash Stations

**Eye Protection:** Safety glasses or goggles.

**Skin Protection:** Wear protective (plastic or rubber) gloves and protective clothing.

**Respiratory Protection:** Avoid inhalation of dusts. Wear suitable respiratory equipment if working in confined spaces with inadequate ventilation or where there is any risk of exposure limits being exceeded.

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Powder

**Appearance and Odor:** White free flowing, mild sweet odor

**pH:** 5.0-5.5

**Freezing Point:** N/A

**Boiling Point:** N/A

**Flash Point:** N/A

**Evaporation Rate (water=1):** N/A

**Flammability:** N/A

**Upper/Lower Explosive limits:** N/A

**Vapor Pressure:** N/A

**Vapor Density (air=1) (20°C):** N/A

**Specific Gravity (Water=1):** N/A

**Solubility:** partially miscible in water/alcohol

**SECTION 10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable.

**Conditions to Avoid:** None known.

**Hazardous Decomposition Products:** possible carbon oxides, (CO, CO<sub>2</sub>)

**Incompatible Materials:** strong acids, bases and oxidizing agents

## SECTION 11. TOXICOLOGICAL INFORMATION

### Toxicological Data:

**Acute Toxicity:** The lethal dose for humans for synthetic amorphous silica is estimated at over 15,000 mg/kg.

**Inhalation:** Synthetic amorphous silica has little adverse effect on lungs and does not produce significant toxic effect when exposure is kept below the permitted limits. However, existing medical conditions (e.g. Asthma, bronchitis) may be aggravated by exposure to dust.

**Eye contact:** Dust may cause discomfort and mild irritation

**Skin contact:** Dust may have a drying effect on the skin.

**Sensitization:** non-sensitizer

**Carcinogenicity:** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

## SECTION 12. ECOLOGICAL INFORMATION

This product is virtually inert and has no known adverse effect on the environment. However, as with all products, do not discharge effluent containing this product into lakes, streams, ponds estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## SECTION 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**RCRA Waste code(s):** Not applicable

## SECTION 14. TRANSPORT INFORMATION

|                            | DOT<br>Classification | TDG<br>Classification | IMDG | IATA |
|----------------------------|-----------------------|-----------------------|------|------|
| UN Number                  | Not Regulated         | Not Regulated         | -    | -    |
| UN Proper<br>Shipping Name | -                     | -                     | -    | -    |
| Transport<br>Hazard Class  | -                     | -                     | -    | -    |
| Packing Group              | -                     | -                     | -    | -    |
| Environmental<br>Hazards   | -                     | -                     | -    | -    |
| Additional<br>Information  | -                     | -                     | -    | -    |

## SECTION 15. REGULATORY INFORMATION

### US Federal Regulations:

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** The ingredients of this product are listed or exempted from listing because of Low Volume Exemption has been granted in accordance with 40 CFR 723.50

**SARA 302/304 EMERGENCY PLANNING EMERGENCY PLAN:** There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

**SARA 311/312:** Acute Health: ☐ Chronic: ☐ Fire: ☐ Sudden Release of Pressure: ☐ Reactive: ☐ None: x

**SARA 313 (Specific Toxic chemical listings):** None

**State and Local Regulations:** Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this SDS, states listed below may have regulations on ingredients contained in this product. Check with your state for additional regulations.

**CA Proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986):** This product does not contain any Proposition 65 chemicals.

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| <b>SECTION 16. OTHER INFORMATION</b> |
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**Date of issue/revision:** 05/15/2017

**Version:** 1.

**Date of previous issue:** none

This chemical is a FIFRA 25(b) product and is subject to certain labeling requirements under federal law. These requirements may differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

**Notice to reader:** This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handles or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractor and customers who will use this product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.