



Resistant Bed Bug Powder

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Resistant Bed Bug Powder
Product Code(s): BLKBB-P4, BLKBB-P80, GNATBB-P4, GBB-P4, GOLDBB-P4
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 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
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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 damage/irritation – Category 2B

SIGNAL WORD: WARNING

GHS HAZARD PICTOGRAMS:



Hazard Statements: Causes eye irritation. Harmful if inhaled.

Acute/Potential Health Effects: This product presents minimum hazards under emergency circumstances.

EYES: Contact causes mechanical eye irritation. Dusts may cause mechanical irritation, tearing, and blurred vision.

SKIN: No known acute effect.

INHALATION: No known acute effect. Overexposure to dusts may cause irritation to upper respiratory tract and mucous membranes.

INGESTION: No adverse health effects anticipated by this route during proper industrial handling

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: Rinse skin with plenty of water. If irritation develops 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: Immediately rinse mouth and drink plenty of water. 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.

SPECIFIC HAZARDS: Take suitable precautions against the discharge of static electricity during handling operations.

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: Store only in original container, in a dry place inaccessible to children and pets. Emptied containers may retain product residues. Protect from humidity and water.

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 (Contains no detectable crystalline silica)					6 8h TWA		

ENGINEERING CONTROLS: Adequate ventilation if dust is present. Handle in accordance with good industrial hygiene and safety practices.

Eye Protection: Recommended: Safety glasses or goggles.

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

Respiratory Protection: No special protection required.

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 odor

pH: 5.0-6.5

Freezing Point: N/A

Boiling Point: >2000°C

Flash Point: N/A

Evaporation Rate (water=1): N/A

Flammability: Not Flammable

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: Avoid dust generation. Avoid exposure to moisture.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Incompatible Materials: Acids, Alkalis

SECTION 11. TOXICOLOGICAL INFORMATION**Toxicological Data:**

Silica gel, precipitated, crystalline-free	112926-00-8	LD50 (oral, rat): >10,000 mg/kg
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Eye contact: Contact causes mechanical eye irritation. Dusts may cause mechanical irritation, tearing, and blurred vision.

Skin contact: Long term exposure to dusts may have a drying effect on the skin.

Sensitization: Non-sensitizer

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 overexposure to dusts.

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

Environmental Effects: This product is virtually inert and has no known adverse effect on the environment.

Environmental Fate Data; Persistence/Degradation: No further relevant information available

Soil Mobility: No further relevant information available

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 Classification	TDG Classification	IMDG	IATA
UN Number	Not Regulated	Not Regulated	Not classified	Not classified
UN Proper Shipping Name	-	-	-	-
Transport Hazard Class	-	-	-	-
Packing Group	-	-	-	-
Environmental Hazards	-	-	-	-
Additional 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:

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.

SECTION 16. OTHER INFORMATION

Date of issue/revision: 03/20/2018

Version: 1.1

Date of previous issue: 05/15/2017

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.