

## Bed Bug Non-Toxic Spray

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Bed Bug Non-Toxic Spray  
**Product Code(s):** GBB-22, GBB-128, GBB-5GAL  
**Other means of Identification:** 25(b)  
**Recommended Use:** Bio-insecticide

<b>Manufacturer/Marketer:</b> P.F. Harris Manufacturing Company, LLC P.O. Box 1922 Cartersville, GA 30120 Email: <a href="mailto:info@pfharris.com">info@pfharris.com</a> <a href="http://www.pfharris.com">www.pfharris.com</a>	<b>Customer Service:</b> 1-800-637-0317 Monday-Friday, 9am – 5pm EST  <b>Emergency:</b> National Poison Control: 1-800-222-1222 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:**

Skin Corrosion/Irritation – Category 3  
Serious Eye damage/Eye Irritation – Category 2B  
Skin Sensitization – Cat 1

**SIGNAL WORD:**        **WARNING**

**GHS HAZARD PICTOGRAMS:** 

**Hazard Statements:** Causes mild skin irritation. Causes eye irritation. May cause an allergic skin reaction.

**Chronic/Long Term Effects:** None

**Acute/Potential Health Effects:**

**EYES:** Causes eye irritation.

**SKIN:** Causes mild skin irritation. Prolonged or repeated contact may cause allergic reaction in sensitive individuals.

**INHALATION:** Overexposure by inhalation of mists or vapors may cause irritation to upper respiratory tract and mucous membranes.

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

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS Number	WT %
Cedarwood Oil	8000-27-9	1.00
Clove Oil	8000-34-8	0.25
Geraniol	106-24-1	1.25
Sodium Lauryl Sulfate	151-21-3	2.00
Sodium Benzoate	532-32-1	<1.00
Calcium Silicate	1344-95-2	<1.00
Glyceryl Monooleate	25496-72-4	1-5
Water	7732-18-5	85-95

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:** If irritation develops, rinse skin with plenty of water and wash clothing before reuse. Get medical attention if irritation persists.

**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:** 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. Get medical attention.

### SECTION 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Non-Combustible. Use any means suitable for extinguishing surrounding fire.

**SPECIFIC HAZARDS:** Closed containers may explode due to buildup of pressure when exposed to extreme heat. Product is combustible. Products of combustion include compounds of carbon and oxygen, including carbon monoxide.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain and recover material when possible. Use appropriate personal protective equipment. Place into a suitable container for reclamation or disposal. Keep out of waterways. Dispose of in accordance with applicable local regulations.

### SECTION 7. HANDLING AND STORAGE

**HANDLING:** Use this product only in a manner consistent with its labeling. Avoid contact with eyes and skin. Use with adequate ventilation. Do not contaminate water, food or feedstuffs by storage, handling, or disposal.

**STORAGE:** Store only in original container, in a dry place inaccessible to children and pets. Store away from food and pet-food. Emptied containers may retain product residues. Keep from freezing and avoid excessive heat.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** No special controls indicated.

**Eye Protection:** Not normally required.

**Skin Protection:** Not normally required.

**Respiratory Protection:** Use with adequate ventilation.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Appearance and Odor:** Milky-white, slightly viscous, aromatic herbal odor

**pH:** 7.5-8.5

**Freezing Point:** 32°F (0°C)

**Boiling Point:**

212°F (100°C)

**Flash Point:**

>200°F (93.3°C)

**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/A1

**Specific Gravity (Water=1):** 0.96

**Solubility:** Emulsifies in water

**Viscosity:** N/A

## SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable.

**Conditions to Avoid:** Extreme temperatures

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

**Incompatible Materials:** strong oxidizers

## SECTION 11. TOXICOLOGICAL INFORMATION

### Toxicological Data:

Geraniol	106-24-1	Oral LD50 (rat): 3600 mg/kg Dermal LD50 (rabbit): >5000 mg/kg
Sodium Lauryl Sulfate	151-21-3	Oral LD50 (rat): 1288 mg/kg
Calcium Silicate	1344-95-2	Oral LD50 (rat): >3400 mg/kg

**Sensitization:** May cause an allergic skin reaction. Geraniol: (guinea pig - May cause sensitization by skin contact)

**Acute effects:** May be harmful if swallowed. Mists and vapors may cause respiratory irritation.

**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:** No known effects.

**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:

**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.

**New Jersey:** None

## SECTION 16. OTHER INFORMATION

**Date of issue/revision:** 08/07/2018

**Version:** 1.1

**Date of previous issue:** 04/17/2017

This product qualifies for exemption from registration under the FIFRA 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.

**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.