

# SAFETY DATA SHEET

## BED BUG KILLER



### Section 1: IDENTIFICATION

**Product Name:** Bed Bug Killer

**Product code/ID:** HBB-32

EPA Reg. No.- 3-11

**Recommended use:** Pest control

**Manufacturer/Marketer:**

PF Harris Manufacturing Co., LLC

7 River Dr., P O Box 1922

Cartersville, GA 30120

**Emergency Phone Numbers:**

1-800-637-0317

### Section 2: HAZARDS IDENTIFICATION

**Hazards classification:** Mild Irritant Skin Cat3, Eyes Cat2B

**Signal Word:** WARNING

**Hazard statements:** Prolonged contact may cause mild skin and eye irritation

**Pictogram(s):** None

**Chronic / Long Term Effects:** NONE

**Signs and Symptoms of Overexposure:** Target Organ Effects: Mild skin, eye irritation.

Reproductive/Developmental Information: NONE

Carcinogenic Information: Not Listed

EMERGENCY OVERVIEW

**Acute/Potential Health Effects:**

EYES: May cause irritation.

SKIN: May cause mild irritation

INHALATION: Inhalation of mists or vapors may cause irritation to upper respiratory tract and mucous membranes.

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

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### Section 3: COMPOSITION, INFORMATION ON INGREDIENTS

<u>CHEMICAL</u> <u>NAME</u>	<u>CAS</u> <u>NUMBER</u>	<u>%BY</u> <u>WGHT.</u>
Deltamethrin	52918-258-6	0.03

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

### Section 4: FIRST AID MEASURES

**EYES:** Check for and remove contacts; flush eyes with clear, running water for 15 minutes while holding eyelids open. If irritation persists, seek medical attention.

**SKIN:** Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; If irritation persists, seek medical attention.

**INHALATION:** Remove affected person to fresh air; if symptoms persist, seek medical attention

**INGESTION:** Give two glasses of water to dilute (never give anything by mouth to an unconscious person) DO NOT induce vomiting; seek medical attention.

### Section 5: FIRE FIGHTING MEASURES

**Extinguishing Media:** Carbon dioxide, water, water fog, dry chemical, chemical foam.

**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.

**Special protective equipment:** Safety glasses, gloves

### Section 6: ACCIDENTAL RELEASE MEASURES

**Personal protective equipment:** Safety glasses, gloves

**Specific procedures:** Product will support combustion: eliminate all sources of ignition.

**Containment procedures/methods, materials:** Contain spill with approved absorbent. shovel into an approved container for disposal.

**Cleanup procedures:** Flush area with water, DO NOT flush to sanitary sewer; recover for proper disposal

### Section 7: HANDLING AND STORAGE

**Precautions:** Keep container closed when not in use, protect containers from abuse, protect from extreme temperatures, open flames. This material will support combustion. Keep out of the reach of children.

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### Section 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

TLV's, PEL's, etc. No data available

Engineering Controls: Local exhaust for enclosed areas. No special controls indicated.

Eye Protection: None

Skin Protection: None

Respiratory Protection: None

Special PPE: None

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.); Clear liquid

Odor: Non objectionable

Odor threshold: Not determined

pH: 5.4

Freezing point: 32°F (0°C)

Initial boiling point and boiling range: 212°F (100°C)

Flash point: >200°F (93.3°C)

Evaporation rate: (water=1) <1

Flammability (solid, gas): N/A

Upper/lower flammability or explosive limits: Not determined

Vapor pressure: 17mmHg@20°C

Vapor density: (air=1) >1

Specific gravity(water=1) 0.993

Solubility(ies); Miscible in water

Partition coefficient: n-octanol/water: Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity: 300-500 cps ( Brookfield No 2 spindle @20rpm)

### Section 10: Stability and REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to avoid: Extreme heat, sources of ignition.

Hazardous Decomposition Products: Oxides of carbon, hydrocarbons, fume, vapors and smoke may be present.

Incompatibility: Strong oxidizers, strong acids.

### Section 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:

Delayed, immediate, long-term effects from short, long term exposure:

LD50, etc:

<u>Ingredient</u>	<u>CAS No.</u>	<u>LD<sub>50</sub></u>	<u>LC<sub>50</sub></u>
Deltamethrin	52918-63-5	9.36 mg/kg Oral-rat	785mg/m <sup>3</sup> /2H inhalation-rat

Symptoms of exposure: Skin , eye irritation.

Whether Listed in NTP, IARC programs (Carcinogens): Not listed

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### Section 12: ECOLOGICAL INFORMATION

This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of wash water or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area

### Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### Section 14: TRANSPORTATION INFORMATION

D.O.T. Shipping Name / Class: Not regulated

UN number: None

Un proper shipping name: Not regulated

Transport class: Not regulated

Packing group: Not regulated

Environmental hazards:

Marine pollutant: Toxic to fish and other invertebrates

Bulk shipping: Not regulated

Special precautions when handling: None

### Section 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA (Toxic Substances Control Act): The ingredients of product are listed or are exempted from listing because of Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

**Title III Section 311/312 Hazardous Categories** -40 CFR 370.2:

ACUTE (x) Chronic ( ) Fire ( ) Pressure ( ) Reactive ( ) Not Applicable ( )

(1) Title III Section 302/304 Extremely Hazardous Substances - 40 CFR 355

Appendix A:

(2) Title III Section 313 Toxic Chemicals - 40 CFR 372.65 NONE

If indicated under Section 2 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act of 1986. This information must be included in all MSDS that are copied and distributed for this material. NONE

**RCRA Status:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s): Not applicable

**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 MSDS, states listed below may have regulations on ingredients contained in this product. Check with your state for any additional regulations.

California proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986):  
NONE

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## BED BUG KILLER

<b>Section 16: OTHER INFORMATION</b>
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This information was compiled from current manufacturer's MSDS's of the component parts of the product. Disclaimer: The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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Replaces:5/11/2010

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