



Egg Kill & Resistant Bed Bug Spray

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Egg Kill & Resistant Bed Bug Spray
Product Code(s): BLKBB-16A
Other means of Identification: EPA Reg. No. 1021-2570-3
Recommended Use: Pesticide/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
Monday-Friday, 9am – 5pm EST

Emergency:

National Poison Control: 1-800-222-1222
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
Skin sensitization – Category 1
Reproductive toxicity – Category 1B
Flammable aerosol – Category 2
Gases under pressure – Liquefied gas

SIGNAL WORD: DANGER

GHS HAZARD PICTOGRAMS:

Hazard Statements: Harmful if inhaled. May cause allergic skin reaction. May cause damage fertility or the unborn child. Flammable aerosol. Contains gas under pressure; may explode if heated.

Precautionary Statements: Keep away from heat, sparks, flame and other sources of ignition. No smoking. Do not spray on open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing vapors or mists. Wash face, hands and any exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear Protective gloves. Contaminated clothing should not be allowed out of the workplace.

Acute/Potential Health Effects:

EYES: May cause eye irritation.

SKIN: May cause mild irritation/sensitization.

INHALATION: 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, stomach pains.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS Number	WT %
d-phenothrin	26002-80-2	0.40
n-Octyl bicycloheptene dicarboximide	113-48-4	1.00
Imidacloprid	138261-41-3	0.05
Tetrahydrofurfuryl alcohol	97-99-4	1< - >5*
Isobutane	75-28-5	10

*the exact percentage (concentration) has been withheld as a trade secret

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. Call a poison control center or doctor for treatment advice.

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.

NOTE TO PHYSICIANS: For skin effects, a highly therapeutic agent for Pyrethrin/Pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. **CAUTION:** Use of water spray when fighting fire may be inefficient.

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Prevent product from entering drains.

SECTION 7. HANDLING AND STORAGE

HANDLING: Use this product only in a manner consistent with its labeling. Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition. Take precautionary measures against static discharges. Use spark-proof tools and explosion proof equipment. All equipment used when handling the product must be grounded. Use with local exhaust ventilation. Use personal protective equipment as required. Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.

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
Tetrahydrofurfuryl alcohol						0.5ppm TWA (8 hrs)	
Isobutane				STEL: 1000ppm			

ENGINEERING CONTROLS: Safety showers. Eyewash Stations. Ventilation Systems.

Eye Protection: Safety goggles. Face protection shield.

Skin Protection: Wear protective gloves and protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high borne contaminant concentrations. Respiratory protections must be provided in accordance with current local regulations.

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: Aerosol – compressed liquefied gas

Appearance and Odor: Milky white/yellow, characteristic/sweet/solvent odor

pH: 5.0-5.5

Freezing Point: N/A

Boiling Point: N/A

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/A

Specific Gravity (Water=1): N/A

Solubility: partially miscible in water/alcohol

Viscosity: 5.3 cPs @ 21.1°C

VOC: 12.9%

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage conditions.

Conditions to Avoid: Extreme heat, sources of ignition (heat, flames and sparks)

Hazardous Decomposition Products: carbon oxides, (CO, CO₂)

Incompatible Materials: strong acids, bases and oxidizing agents

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Oral LD₅₀ (rat) : >5,000 mg/Kg

Dermal LD₅₀ (rabbit) : >5,000mg/Kg

Inhalation LC₅₀: >2.09 mg/l (rat; 4 hours)

Eye contact: Non irritating to eyes (rabbit)

Skin contact: Slightly irritating (rabbit) – Skin irritation index: 0.8

Sensitization: Positive (guinea pig)

Inhalation: Mists may be irritating to susceptible persons.

Ingestion: May be harmful if swallowed.

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.

Chronic Toxicity: Avoid repeated exposure. **Target Organ Effects:** Central nervous system

SECTION 12. ECOLOGICAL INFORMATION

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): D001

SECTION 14. TRANSPORT INFORMATION

	DOT Classification	TDG Classification	IMDG	IATA
UN Number	UN1950	UN1950	UN1950	UN1950
UN Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
Transport Hazard Class	2.1	2.1	2.1	2.1
Packing Group	-	-	-	-
Environmental Hazards	Toxic to fish and other invertebrates	-	-	-
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: [x] Chronic: [x] Fire: [] Sudden Release of Pressure: [x] 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.

SECTION 16. OTHER INFORMATION

Date of issue/revision: 11/06/2019

Version: 1.2

Date of previous issue: 08/07/2018

Revision Note: Section 2 updated GHS data – added reproductive toxicity information, Section 3 added component, Section 14 Transportation revised

This chemical is a pesticide product registered 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.