

SAFETY DATA SHEET

Non-Conductive Wasp & Hornet Killer

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product Identifier: 97185
Product Name: Bengal Non-Conductive Wasp & Hornet Killer
Synonyms: EPA Reg. No. 68543-42
Recommended Use: Insecticide – Kills wasps, hornets, and bees - Aerosol
Supplier Name: Bengal Products, Inc.
Supplier Address: 13739 Airline Hwy, Baton Rouge, LA 70817 USA
Supplier Phone No.: Phone: 225-753-1313 Fax: 225-753-1464
Emergency Phone No.: 225-753-1313

2. HAZARDS IDENTIFICATION

Acute Health:

Aspiration hazard Category 1 May be fatal if swallowed and enters airways.
Inhalation, dusts and mists Category 4
Eye Irritant Category 2B Causes eye irritation

Physical:

Extremely Flammable Aerosols Category 1
Gases under pressure Compressed gas Contains gas under pressure; may explode if heated.



SIGNAL WORD: DANGER

PRECAUTIONARY STATEMENT(S)

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Do not eat, drink, or smoke when using this product.
Do not handle until all safety precautions have been read and understood.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF SWALLOWED: Immediately call a poison center or doctor. Do not induce vomiting.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Storage:

Store in a well-ventilated place. Keep container tightly closed.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122 °F.

Disposal:

Dispose of contents/container in accordance with local/regional/national regulations.

COMMENTS: This material is considered hazardous by the 2012 OSHA Hazard Communication Standard [29 CFR 1910.1200(a)(1)].

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Weight %</u>	<u>CAS No.</u>	<u>Trade Secret</u>
Permethrin	2.0	52645-53-1	
Petroleum Distillates	50 - 97	64742-47-8	**
Carbon Dioxide	1 - 5	124-38-9	**

COMMENTS: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

**In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage of the composition have been withheld as a trade secret.

4. FIRST AID MEASURES

IF SWALLOWED: • Call a physician or poison control center immediately 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 physician or poison control center. • Do not give anything by mouth to an unconscious person.

IF IN 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 physician or poison control center immediately for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

IF INHALED: • Move 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.

IF ON SKIN: • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.

NOTES TO PHYSICIAN: Contains Pyrethroids and Petroleum Distillates - vomiting may pose an aspiration pneumonia hazard. For skin effects, a highly efficient therapeutic agent for Pyrethroid exposure is topical application of Tocopherol Acetate (Vitamin E).

5. FIRE-FIGHTING MEASURES

FLAMMABLE CLASS: This aerosol is classified as FLAMMABLE by the Flame-Extension Test method described in 16 CFR 1500.45.

EXTINGUISHING MEDIA: Foam, carbon dioxide or dry chemical.

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions this product will support combustion and may decompose to give off toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides.

EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 130°F (54.4°C) may cause bursting.

FIRE FIGHTING PROCEDURES: Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

SENSITIVITY TO IMPACT: Forceful impacts can cause damage to aerosol unit and may cause a bursting or explosion hazard.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

LARGE SPILL: Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Collect product into drums, etc. via drains, pumps, etc. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Contains Pyrethroids, which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state/provincial and federal/national regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Do not use or store near heat, sparks, open flame, or any other ignition sources.

HANDLING: Contents under pressure - DO NOT puncture or incinerate container. Do not use or store near heat, sparks, open flame, or any other ignition sources. Take prudent precautions to avoid contact with skin, eyes, and clothing. Mechanical ventilation should be used when handling this product in enclosed spaces. Do not contaminate water, food or feedstuffs by storage, handling, or disposal.

READ AND OBSERVE ALL PRECAUTIONS AND INSTRUCTIONS ON THE PRODUCT LABEL.

STORAGE: Do not contaminate water, food, or feed by storage and disposal. **Pesticide Storage:** Store in a cool dry area away from pets or children. Always store pesticides in the original container. Store away from food and pet food. **Pesticide Disposal and Container Handling:** Do Not Puncture or Incinerate! Nonrefillable container. Do not reuse or refill this container. If Empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200) EXPOSURE LIMITS

<u>Chemical Name</u>		<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier OEL</u>	
		<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>
Permethrin	TWA	None		None		None	
Petroleum Distillates	TWA	None		None		152ppm (vapor)	
Carbon Dioxide	TWA	5000		5000		None	

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Pressurized Liquid

ODOR: Solvent odor.

APPEARANCE: Clear, very pale yellow

pH: Not Applicable; Product not intended to be diluted in water.

VAPOR DENSITY: Heavier than air.

FREEZING POINT: Not Available

SOLUBILITY IN WATER: Immiscible in water.

Notes: Water Solubility analysis is for the aerosol contents less the compressed gas propellant (i.e., Non-Volatiles).

SPECIFIC GRAVITY: 0.784 (Water = 1) at 20°C (68°F)

Notes: Specific Gravity is for the aerosol contents less the compressed gas propellant (i.e., Non-Volatiles).

VISCOSITY #1: 8.92 cPs at 20.6°C (69.1°F) Brookfield on Non-Volatiles

(VOC): < 97.000 %

Other Physical and Chemical Properties not determined or not applicable.

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Not compatible with strong acids or bases. Not compatible with strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can lead to release of irritating gases and vapors.

11. TOXICOLOGICAL INFORMATION

<u>Toxicity Study</u>	<u>Classification</u>
Acute Oral:	EPA Category IV (LD50 > 5000mg/L)
Acute Dermal:	EPA Category IV (LD50 > 5000mg/L)
Acute Inhalation:	EPA Category IV (LC50 > 2.02mg/L)
Primary Eye:	EPA Category IV
Primary Dermal:	EPA Category IV
Sensitization:	Non-sensitizer

Some of the toxicity data may be bridged from substantially similar tested formulations.

COMMENTS: 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.

12. ECOLOGICAL INFORMATION

This pesticide is extremely toxic to aquatic organisms, including fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to inter-tidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

This product is highly toxic to bees and other pollinators exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees or other pollinators are foraging the treatment area.

13. DISPOSAL CONSIDERATIONS

PESTICIDAL WASTE: For disposal information, please read and follow Disposal instructions on the pesticide label.

Consumer may discard empty container in trash, offer for recycling if available.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name	CONSUMER COMMODITY
Hazard Class	ORM-D
Description	CONSUMER COMMODITY, ORM-D
Emergency Response Guide Number	126

IATA

UN-No.	UN1950
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Proper Shipping Name AEROSOLS, FLAMMABLE
Hazard Class 2.1
Description UN1950, AEROSOLS, FLAMMABLE, 2.1

Limited quantities derogation may be applicable to this product, please check transport documents.

15. REGULATORY INFORMATION

UNITED STATES SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: Yes **PRESSURE GENERATING:** Yes **REACTIVITY:** No **ACUTE:** Yes

313 REPORTABLE INGREDIENTS: This product contains no SARA Title III Section 313 chemicals that exceed the reporting limits.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355). There are no components that are subject to emergency requirements under CERCLA Section 103(a)(40 CFR 302.4) in this formulation.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All chemical substances found in this product comply with the Toxic Substances Control Act's inventory reporting requirements.

STATE REGULATIONS:

VOLATILE ORGANIC COMPOUNDS (VOC): This product contains less than 2% VOC's.

CALIFORNIA PROPOSITION 65: This product does not contain any Proposition 65 chemicals.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): NOTE: This chemical is a pesticide product registered by the United States 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. The following is the hazard information as required on the pesticide label:

CAUTION. Causes moderate eye irritation. Harmful if swallowed. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear long sleeved shirt, long pants, socks and shoes when spraying.

PHYSICAL OR CHEMICAL HAZARDS: FLAMMABLE. Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F (54.4°C) may cause bursting.

16. OTHER INFORMATION

NFPA	Health Hazards 2	Flammability 3	Reactivity 0	Special -
HMIS	Health Hazards 2	Flammability 3	Reactivity 0	

HMIS RATINGS NOTES: We assign HMIS ratings to this product based on the hazards of its ingredients(s). Since the customer is most aware of the applications and conditions of use, he or she must ensure that the proper Personal Protective Equipment is provided, consistent with the information contained in Section's 2, 7, and 8 of this MSDS.

REVISION DATE: **July 30, 2019**