

SAFETY DATA SHEET

BENGAL ANT & SPIDER KILLER

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product Identifier: 93630
Product Name: Bengal Ant & Spider Killer
Synonyms: EPA Reg. No. 68543-17
Recommended Use: Insecticide – Kills ants, spiders & other crawling insects - 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

EMERGENCY OVERVIEW

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Inhalation (Dusts/Mists) Category 4, May be harmful if inhaled.
Acute Toxicity (Oral) Category 5
Acute Toxicity (Dermal) Category 5
Acute Toxicity (Eyes) Category 2B, mildly irritating

IMMEDIATE CONCERNS: Contents under pressure. Do not use or store near heat, sparks, open flame, or any other ignition sources. Do not expose to temperatures above 130°F (54.4°C), as bursting may occur. Avoid contact with skin, eyes, and clothing. DO NOT puncture or incinerate container. Follow the "Directions For Use" on the product label very carefully.



SIGNAL WORD: WARNING

Prevention:

Do not handle until all safety precautions have been read and understood.
Avoid breathing vapors or spray.
Do not eat, drink, or smoke when using this product.
Avoid release to the environment.

Response:

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 SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
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.
Store at temperatures not exceeding 54.4°C/ 130°F. Keep cool.

Disposal:

See Section 13 of this SDS.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Weight %</u>	<u>CAS No.</u>	<u>EINECS</u>
Prallethrin (ETOC®)	0.03	23031-36-9	245-387-9
Esfenvalerate	0.05	66230-04-4	Not Avail.
MGK®-264 (N-Octyl Bicycloheptene Dicarboximide)	0.29	113-48-4	204-029-1
Petroleum Distillates	< 10.0	64742 -47-8	265-149-8
Liquefied Petroleum Gas	10 - 15	68476-86-8	270-705-8

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

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.

INGESTION: If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give any liquid to the person. 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.

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.

NOTES TO PHYSICIAN: For skin effects, a highly efficient therapeutic agent for pyrethroid exposure is topical application of tocopherol acetate (Vitamin E). Diazepam has been recommended to reduce the CNS effects of Esfenvalerate.

5. FIRE-FIGHTING MEASURES

FLAMMABLE CLASS: This aerosol is NOT 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 HYDROGEN CYANIDE, 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 APPLY THIS PRODUCT IN OR ON ELECTRICAL EQUIPMENT DUE TO THE POSSIBILITY OF SHOCK HAZARD.

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: Store containers upright and closed. Always store pesticides in the original container. Store away from food and petfood. Store in areas that are cool, dry, and well-ventilated. DO NOT expose to temperatures above 130°F (54.4°C), as bursting may occur. DO NOT use or store near heat, sparks, open flame, near any ignition sources, or near strong acids, bases, and oxidizers. Emptied containers may retain product residues.

KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS Chemical Name	OSHA PEL		ACGIH TLV		Supplier OEL		
		ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
Prallethrin (ETOC®)	TWA	None		None	None		
Esfenvalerate	TWA	None		None	[1]		2 [1]
MGK®-264 (N-Octyl Bicycloheptene Dicarboximide)	TWA	None		None	None		
Petroleum Distillates	TWA	[2]	5 [2]	[2]	5 [2]	100	525

OSHA TABLE COMMENTS: [1] Skin, [2] As oil-mist, if generated.

ENGINEERING CONTROLS: Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Take prudent precautions to avoid contact with eyes.

SKIN: Take prudent precautions to avoid contact with skin and clothing.

WORK HYGIENIC PRACTICES: DO NOT SMOKE, EAT, OR DRINK, OR APPLY COSMETICS IN WORK AREA!

Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking, or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquefied gases and liquid.

ODOR: Mild sweet odor.

APPEARANCE: Milky emulsion.

pH: 6.65 Note: pH measurement is for the aerosol contents less the compressed gas propellant (i.e., Non-Volatiles).

VAPOR DENSITY: Heavier than air.

FREEZING POINT: Not Determined

SOLUBILITY IN WATER: Partially miscible in water.

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

SPECIFIC GRAVITY: 0.996 (Water = 1) at 20°C (68°F)

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

VISCOSITY: Not Determined

(VOC): < 15.000 %

Other Physical and Chemical Properties have not been determined.

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

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

11. TOXICOLOGICAL INFORMATION

ACUTE DERMAL LD50: > 2.0 gm/kg Notes: Albino rabbit.

ORAL LD50: > 5.0 gm/kg Notes: Albino rat.

INHALATION LC50: 2.93 mg/L

EYE EFFECTS: Irritation clearing by Day 7.

SKIN EFFECTS: No irritation at 72 hours. Irritation Index = 0.38

This study was dosed as a 5% w/w dilution in deionized water.

Possible dermal sensitizer to albino guinea pigs.

SENSITIZATION:

GENERAL COMMENTS: Some or all of the toxicity data reported above was bridged from a substantially similar formula.

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

ECOTOXICOLOGICAL INFORMATION: This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to or near water, or to areas where surface water is present, or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. Drift and run-off may be hazardous to fish in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters. See the "Directions For Use" on the product label for additional precautions and requirements.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DO NOT puncture or incinerate container!

IF EMPTY: Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

IF PARTLY FILLED: Call your local solid waste agency for disposal instructions.

RCRA/EPA WASTE INFORMATION: None of the ingredients in this product appear on the RCRA lists (40 CFR 261.24, 40CFR 251.33) or CERCLA Hazardous Substance list (40 CFR Part 302 Table 302.4)

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
 Proper Shipping Name AEROSOLS, NON-FLAMMABLE
 Hazard Class 2.2
 Description UN1950, AEROSOLS, NON-FLAMMABLE, 2.2

15. REGULATORY INFORMATION**UNITED STATES SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****FIRE:** No **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 15% VOC's.**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.** Avoid contact with skin or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.**PHYSICAL OR CHEMICAL HAZARDS:** 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 may cause bursting.**16. OTHER INFORMATION**

NFPA	Health Hazards 1	Flammability 4	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazards 1	Flammability 4	Physical Hazard 1	Personal Protection X

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 SDS.**REVISION DATE:** **June 2, 2015**