

SAFETY DATA SHEET

BENGAL NON-FLAMMABLE FOGGER

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product Identifier: 55500
Product Name: Bengal Non-Flammable Fogger
Synonyms: EPA Reg. No. 68543-2
Recommended Use: Insecticide - Crawling Bug - Aerosol
Uses advised against: No information available
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

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

Acute toxicity - Inhalation (Dusts/Mists) Category 4
Gases under pressure: Compressed gas

Emergency Overview

Signal word: Warning
Hazard Statements: Harmful if swallowed. Harmful if inhaled.
Contains gas under pressure; may explode if heated.



Harmful if swallowed. Avoid contact with eyes or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Breathing spray mist may be harmful.

Contents under pressure. Keep away from fire and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Never leave container in parked or unattended vehicles.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>Trade Secret</u>
Phenothrin	26002-80-2	2.00	
Other Ingredients		<98%	**

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.

Most Important Symptoms and Effects: Coughing and/ or wheezing. Difficulty in breathing.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire. Dry chemical or CO₂. water spray, fog or regular foam. Move containers from fire area if you can do it without risk. Damaged cylinders should be handled only by specialists. DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

Specific Hazards Arising from the Chemical: Some may burn but none ignite readily. Ruptured cylinders may rocket.

Uniform Fire Code: Aerosols: Level I

Hazardous Combustion Products: Carbon oxides.

Explosion Data: Sensitivity to Mechanical Impact-Yes. Sensitivity to Static Discharge-No.
 Protective equipment and precautions for firefighters: Move containers from fire area if you can do it without risk. Damaged cylinders should be handled only by specialists.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Stop leak if you can do it without risk. Do not touch or walk through spilled material.
 Other Information: Ventilate the area.

Environmental Precautions: Prevent entry into waterways, sewers, basements or confined areas. Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material.

Methods for Containment: If possible, turn leaking containers so that gas escapes rather than liquid. Allow substance to evaporate. Methods for cleaning up: Do not direct water at spill or source of leak.

7. HANDLING AND STORAGE

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Do not puncture or incinerate cans. Contents under pressure. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with eyes.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Do not store near combustible materials. Store in accordance with the particular and local regulations.

Incompatible Products: None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: Tight sealing safety goggles.

Skin and Body Protection: Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves.

Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.

Exposure Limits: 1000ppm TWA recommended by chemical manufacturer.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity Of Concentrate: Approx. 1.055	Vapor Pressure (Psig @ 70°F): 65
Boiling Point (F): N/A	Percent Volatile By Volume: <98%
Solubility In Water : Practically Insoluble	Evaporation Rate(Water=1): Not Established
Appearance: Clear, light yellow liquid	Odor: Mild Pyrethroid
Flammable Limits In Air, % by volume: Lower: none	Upper: none
Other Physical and Chemical Properties not determined.	

10. STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Hazardous Polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	Excessive heat and flames.
Incompatible materials:	None known based on information supplied.
Hazardous Decomposition Products:	Carbon oxides.

11. TOXICOLOGICAL INFORMATION

<u>Toxixity Study</u>	<u>Classification</u>
Acute Oral:	EPA Category III (LD50 > 2000mg/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

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.

<u>Chemical Name</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
Phenothrin 26002-80-2				

Classification: Not likely to be carcinogenic to humans

12. ECOLOGICAL INFORMATION

Phenothrin is very highly toxic to freshwater invertebrates. The EC50 for freshwater invertebrates is 4.4 µg/L. Exposure to phenothrin in terrestrial non-target mammals is not expected to result in acute or chronic risks (to either listed or non-listed species). Previous studies with rats have shown that phenothrin is non-toxic to mammals in acute doses, based on an LD50 ≥ 5,000 mg a.i./kg/bw (body weight). Because of this high LD50 dose, risk for non-target terrestrial mammals is expected to be low to non-existent.

13. DISPOSAL CONSIDERATIONS

Disposal methods: This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging: Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number: D001

California Hazardous Waste Codes : 232

This product contains one or more substances that are listed with the State of California as a hazardous waste.

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

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. The pesticide label also includes other important information, including directions for use. Following is the hazard information as required on the pesticide label: CAUTION. KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed.

Causes moderate eye irritation.

Avoid contact with eyes or clothing.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory: Complies

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Weight-%</u>	<u>SARA 313 - Threshold Values %</u>
Phenothrin	26002-80-2	1 - 5	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	Yes
Reactive Hazard	No

CWA (Clean Water Act) This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations :

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Supplier Trade Secret	X	X			
Permethrin 52645-53-1	X	X		X	X

16. OTHER INFORMATION

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

REVISION DATE: May 8, 2015