

SAFETY DATA SHEET: BENGAL FULL SEASON FLEA KILLER PLUS 2

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product identifier: 92445, 41171
Product Name: Bengal Full Season Flea Killer Plus 2
Synonyms: EPA Reg. No. 68543-23
Recommended Use: Insecticide for Fleas, Ticks and Crawling Bugs - 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

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

Acute toxicity - Inhalation (Dusts/Mists) Category 5, May be harmful if inhaled.
Acute Toxicity (Oral) Category 5, May be harmful if swallowed.
Acute Toxicity (Dermal) Category 4, Harmful in contact with skin.

Emergency Overview

Physical: H229: Pressurized container: May burst if heated.



SIGNAL WORD: WARNING

PRECAUTIONARY STATEMENTS

Prevention:

P202: Do not handle until all safety precautions have been read and understood.

P210: Keep away from heat sparks, open flames and hot surfaces. No smoking.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P270: Do not eat, drink, or smoke when using this product.

P273: Avoid release to the environment.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Storage:

P251: Do not pierce or burn, even after use.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C (122°F).

Disposal:

P501: Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name Wt.	%	CAS
Tetramethrin (NEO-PYNAMIN®)	0.4	7696-12-0
SUMITHRIN® (d-Phenothrin)	0.3	26002-80-2
NYLAR® (Pyriproxyfen)	0.015	95737-68-1
Petroleum Distillates	< 10	64742-47-8
Liquefied Petroleum Gas	10 - 20	68476-86-8

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

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 1-800-222-1222.

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

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 may 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: 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 GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

EXPOSURE LIMITS		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
Tetramethrin (NEO-PYNAMIN®)	TWA	None		None		None	
SUMITHRIN® (d-Phenothrin)	TWA	None		None		None	
NYLAR® (Pyriproxyfen)	TWA	None		None		None	
Petroleum Distillates	TWA	None		None		None	
Liquefied Petroleum Gas	TWA	1000	1800	1000	1800	None	

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: Slight solvent smell.

APPEARANCE: Milky emulsion.

pH: 7.5

Notes: 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.

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

DENSITY: 0.98 at 20°C (68°F)

Notes: grams / cm³

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

VISCOSITY #1: 2250 cPs at 22°C (71.6°F) Brookfield on Non-Volatiles

(VOC): < 23.000 %

Other Physical and Chemical Properties not determined or not applicable.

10. STABILITY AND REACTIVITY

Chemical stability:

Stable under recommended storage conditions.

Hazardous Polymerization:

Hazardous polymerization does not occur.

Conditions to avoid:

Not compatible with strong acids or bases. Not compatible with strong oxidizers.

11. TOXICOLOGICAL INFORMATION

<u>Toxicity Study</u>	<u>Classification</u>
Acute Oral:	EPA Category IV (LD50 > 5000mg/L)
Acute Dermal:	EPA Category IV (LD50 > 2000mg/L)
Acute Inhalation:	EPA Category IV (LC50 > 5.41mg/L)
Eye Effects:	Irritation clearing in 24 hours.
Skin Effects:	Slight irritation at 72 hours. Irritation Index = 0.71
Sensitization:	Negative; Not considered to be a dermal sensitizer to albino guinea pigs.

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.

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

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This pesticide is extremely toxic to aquatic organisms, including fish and aquatic invertebrates. Do not contaminate water when disposing of aerosol unit, washwater or rinsate. See the "Directions For Use" on the product label for additional precautions and requirements. Do not apply directly to water.

13. DISPOSAL CONSIDERATIONS

Disposal methods: 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 (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: UN1950, Aerosols, Non-flammable, N.O.S.

PRIMARY HAZARD CLASS/DIVISION: 2.2

May be reclassified as:

Proper Shipping Name	CONSUMER COMMODITY
Hazard Class	ORM-D

AIR (ICAO/IATA)

SHIPPING NAME: UN1950, Aerosols, Non-flammable, N.O.S.

PRIMARY HAZARD CLASS/DIVISION: 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.

CAUTION. Harmful if absorbed through the skin. Causes moderate eye irritation.

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 23% VOC's.

California Proposition 65

This product does not contain any Proposition 65 chemicals.

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 MSDS.

REVISION DATE: June 10, 2015