

MATERIAL SAFETY DATA SHEET

Bengal Pyrethrin Roach Spray

1. COMPANY & PRODUCT INFORMATION

Product: Bengal Pyrethrin Roach Spray
EPA Reg. No. 68543-37
Emergency Telephone No.: (225) 753-1313 (24 hours)

2. HAZARDOUS INGREDIENTS*

Dimethyl ether/1,1-difluoroethane (propellants)	Pyrethrins (active ingredient)
Percent by weight: >75%	Percent by weight: 1.0%
CAS No. 115-10-6/75-37-6	CAS No. 8003-34-7
Exposure Limits: 1000ppm TWA	Exposure Limits: 5 mg/m3 TWA

*Hazardous within the meaning of 29 CFR 1910.1200

3. HAZARDS IDENTIFICATION

Overview:

- Nearly odorless composition in an aerosol container. Vapor reduces oxygen available for breathing and is heavier than air.
- Contents under pressure (60 - 70 psi at 70°F)
Exposure to temperatures above 130°F may cause bursting
- Contents (propellant) are flammable. Keep away from ignition sources and hot surfaces
- Burning may produce toxic by-products (carbon monoxide)

Potential Health Effects: EYES: May cause temporary discomfort.

SKIN: This product is slightly toxic when absorbed through the skin. This product can cause brief and/or minor irritation. The expected adverse health effects resulting from an exposure may include redness and possibly some minor swelling. This product is not expected to cause allergic skin reactions. Avoid contact. Contact with spray may cause frostbite on exposed skin.

SYSTEMIC & OTHER EFFECTS: Individuals with allergy history or pre-existing dermatitis should use extra precautions in handling this product.

CARCINOGENICITY: NTP: Not listed;

IARC monographs: Not listed; OSHA: Not listed

COMMENT: Unnecessary exposure to this product, or any chemical, should be avoided.

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, and then continue rinsing. 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 to fresh air.

ORAL: Call a physician or Poison Control Center.

NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

5. FIRE FIGHTING MEASURES

FLASH POINT : >160°F (liquid concentrate)

FLAME EXTENSION: >18" **AUTOIGNITION:** Not Established

FLAMMABILITY LIMITS IN AIR, % by vol.: UPPER: 16.9%
LOWER: 3.4%

UNUSUAL FIRE OR EXPLOSION HAZARDS: None known.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should use protective shielding to avoid being hit by rupturing containers.

6. SPILL/LEAK PROCEDURES

SPILL RESPONSE: Remove ignition sources. Use absorbent material to collect and contain for salvage or disposal. Ventilate area. This product contains no CERCLA listed chemicals. This product may be a RCRA hazardous waste upon disposal due to ignitability characteristics.

This document has been prepared to meet the requirements of the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the EU Directive, 91/155/EEC and other regulatory agencies.

7. HANDLING AND STORAGE

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 may cause bursting.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT: NONE REQUIRED

SKIN: Avoid skin contact. Wash hands after using product.

INHALATION: Use only in a well-ventilated area.

VENTILATION: No special ventilation required when used according to label directions.

COMMENTS: Use only at normal room temperatures. Avoid skin contact. Do not incinerate. Read and follow directions for use.

9. PHYSICAL PROPERTIES

SPECIFIC GRAVITY OF CONCENTRATE: approx. 0.842

VAPOR PRESSURE (PSIG @ 70°F): 65 **BOILING POINT (F):** N/A

PERCENT VOLATILE BY VOLUME: <98%

SOLUBILITY IN WATER : insoluble

EVAPORATION RATE(Water=1): not established

APPEARANCE & ODOR: yellow viscous liquid; mild pyrethroid odor

10. STABILITY & REACTIVITY

STABILITY: STABLE

INCOMPATIBILITY (MATERIAL TO AVOID): NONE KNOWN.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion are principally carbon dioxide, carbon monoxide and water.

CONDITIONS TO AVOID: Do not store above 130°F. Do not store near open flame.

11. TOXICOLOGICAL

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing of vapors. Avoid contact with skin, eyes or clothing. Do not use in commercial food processing or preparation areas. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Cover exposed food. Remove pets, birds and cover aquariums before using.

Dermal LD50 for Pyrethrins >2000 mg/kg; Oral >5000mg/kg

12. ENVIRONMENTAL INFORMATION

This product is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters

13. DISPOSAL

Replace cap and discard empty container in trash. Do not puncture or incinerate.

14. TRANSPORTATION INFORMATION

Proper Shipping Name: Consumer Commodity

DOT Hazard Class: ORM-D

15. REGULATORY INFORMATION

NFPA Ratings: Health: 1 Fire: 4 Reactivity: 0 Special: None

SARA Title III: SARA 313 INFORMATION: This product contains the following substances that may be subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Pyrethrins CAS#8003-34-7 1.0%

US EPA Signal Word: CAUTION Date Revised: Sept. 15, 2010



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