

MATERIAL SAFETY DATA SHEET

Bengal Flying Insect Killer 3

1. COMPANY & PRODUCT INFORMATION

Product: Bengal Flying Insect Killer 3
EPA Reg. No. 1021-1587-68543
Emergency Telephone No.: (225) 753-1313 (24 hours)

2. HAZARDOUS INGREDIENTS*

| | |
|---|--|
| Liquified Petroleum Gas | Petroleum Distillate |
| Percent by weight: <35% | Percent by weight: <10% |
| CAS No. 68476-85-7 | CAS No. 64742-47-8 |
| Exposure Limits: 800ppm TWA | Exposure Limits: Not est. |
| Tetramethrin (active ingredient) | Sumithrin (active ingredient) |
| Percent by weight: 0.25% | Percent by weight: 0.15% |
| CAS No. 7696-12-0 | CAS No. 26002-80-2 |
| Exposure Limits: 15 mg/m ³ TWA | Exposure Limits: Not est. |

*Hazardous within the meaning of 29 CFR 1910.1200

3. HAZARDS IDENTIFICATION

IMMEDIATE CONCERNS: CAUTION. Contents under pressure. Keep away from heat, sparks, and open flame. Do not expose to temperatures above 130°F (54.4°C), as bursting may occur.

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, 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).

5. FIRE FIGHTING MEASURES

FLASH POINT : >141°F (liquid concentrate)

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

FLAMMABILITY LIMITS IN AIR, % by vol.:

UPPER: 9.5% LOWER: 1.8%

UNUSUAL FIRE OR EXPLOSION HAZARDS: None known.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. Firefighters should use protective shielding to avoid being hit by rupturing containers. Keep nearby containers and equipment cool with a water stream.

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

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.

*Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

9. PHYSICAL PROPERTIES

SPECIFIC GRAVITY OF CONCENTRATE: approx. 1.0

VAPOR PRESSURE (PSIG @ 70°F): 70

BOILING POINT (F): N/A

PERCENT VOLATILE BY VOLUME: <98% **pH:** approx. 7

SOLUBILITY IN WATER : dispersible

EVAPORATION RATE (Water=1): approx. 1

APPEARANCE & ODOR: white opaque emulsion, mild kerosene 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. Chlorine and hydrogen chloride may be released.

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

11. TOXICOLOGICAL

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

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

INHALATION LC50: The Acute Inhalation LC50 of this material places it in EPA Toxic Category III.

EYE EFFECTS: Irritation clearing in 72 hours.

SKIN EFFECTS: Slight irritation at 72 hours. Irritation Index = 1.46

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.

12. ENVIRONMENTAL INFORMATION

This product is toxic to fish and aquatic invertebrates. Do not apply directly to any body of water.

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: 2 Reactivity: 0 Special: None

SARA Title III: SARA 313 INFORMATION: This product contains the following substances 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: None

311/312 HAZARD CATEGORIES: **FIRE:** No **PRESSURE GENERATING:** Yes **REACTIVITY:** No **ACUTE:** Yes

US EPA Signal Word: CAUTION **Date Revised:** 07 Feb 2008



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