

MATERIAL SAFETY DATA SHEET

Bengal Mosquito Repellent

1. COMPANY & PRODUCT INFORMATION

Product: Bengal Mosquito Repellent
EPA Reg. No. 1021-1600-68543
Emergency Telephone No.: (800) 367-0394 (24 hours)

2. HAZARDOUS INGREDIENTS*

Isopropanol Percent by weight: >35% Exposure Limits: 400ppm TLV	*Hazardous within the meaning of 29 CFR 1910.1200
Propane/Butane Percent by weight: 25% Exposure Limits: 800ppm recommended	Active Ingredients: DEET 25.0% MGK 264 5.0% MGK 326 2.5%

3. HAZARDS IDENTIFICATION

Overview:

- Aerosol spray with a mild amine odor.
- Pressurized liquid. Keep away from ignition sources and hot surfaces.
- Burning may produce toxic by-products (carbon monoxide)

Potential Health Effects:

EYES: May cause temporary discomfort. Moderately irritating.

SKIN: May cause mild skin irritation.

INHALATION: Excessive inhalation can cause nasal and upper respiratory irritation, nausea or nervous system disorders.

INGESTION: Amounts transferred to the mouth by fingers, etc. during normal operations should not cause injury.

CARCINOGENICITY: None of the components present in this material equal or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

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

4. FIRST AID MEASURES

IF SWALLOWED: Call a physician or poison control center immediately. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water.

IF IN EYES: Flush with plenty of water for 15 minutes. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. Give artificial respiration or oxygen if indicated.

5. FIRE FIGHTING MEASURES

FLASH POINT : >53°F (liquid concentrate)

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

FLAMMABILITY LIMITS IN AIR, % by vol.: Not Established

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. Keep nearby containers and equipment cool with a water spray. Contain the run-off if possible for proper disposal.

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 document has been prepared to meet the requirements of the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

7. HANDLING AND STORAGE

Store containers upright and closed. Store in areas that are cool, dry and well ventilated. Keep away from heat, ignition sources and strong oxidizers. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions and instructions on the product label.

8. WORKER EXPOSURE/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None normally required if used as directed.

VENTILATION: Normal room ventilation

PROTECTIVE GLOVES: None normally required.

EYE PROTECTION: Safety Glasses Recommended.

OTHER PROTECTIVE EQUIPMENT: Eye wash station and safety shower recommended. Industrial-type work clothing.

WORK HYGIENIC PRACTICES: Observe good personal hygiene practices and recommended procedures. Do not wear contaminated clothing or footwear.

SUPPLEMENTAL SAFETY & HEALTH DATA: Do not get in eyes or on clothing. Do not breathe vapors or mists. Keep out of reach of children.*

COMMENTS: Use only at normal room temperatures. Do not incinerate. Read and follow directions for use on can.

*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: not established

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

SOLUBILITY IN WATER : Immiscible

EVAPORATION RATE(Water=1): > 1

APPEARANCE & ODOR: Transparent liquid with light yellow tint.

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 heat or open flame.

11. TOXICOLOGICAL

Harmful if swallowed. Do not breathe vapors or spray mist. Avoid contact with eyes. In case of contact, flush with plenty of water. Wash clothing before reuse. After returning indoors, remove contaminated clothing and wash skin. Avoid contamination of food or feedstuffs.

12. ENVIRONMENTAL INFORMATION

Ecological studies not established.

13. DISPOSAL

STORAGE: Store in a cool, dry place inaccessible to children. Keep container closed. Keep away from heat or open flame.

DISPOSAL: Do not reuse empty container. Wrap container in several layers of newspapers and discard in trash. Do not incinerate or puncture.

14. TRANSPORTATION INFORMATION

Proper Shipping Name: Consumer Commodity

DOT Hazard Class: ORM-D

15. REGULATORY INFORMATION

NFPA Ratings: Health: 1 Fire: 3 Reactivity: 0 Special: None

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-Yes; Pressure Generating-Yes; Reactivity-No; Acute-Yes

302/304 Emergency Planning: There are no components that are subject to the emergency requirements of Sections 302 and 304.

TSCA Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

US EPA Signal Word: WARNING

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