

**Vopak USA Inc.**  
**6100 Carillon Point**  
**Kirkland, WA 98033**  
**(425) 889-3400**

For Emergency Assistance involving chemicals call - CHEMTREC (800) 424-9300

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The Version Date for this MSDS is : 06/29/1999

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PRODUCT IDENTIFICATION  
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PRODUCT NAME: BONIDE MOSQUITO BEATER (INSECT REPELLENT)

MSDS#: P23024vs

DATE ISSUED: 10/7/98

SUPERSEDES: NEW

ISSUED BY: 004126

Material Safety Data Sheet U.S. Department of Labor  
May be used to comply with Occupational Safety and Health Administration  
OSHA's Hazard Communication Standard, (Non-Mandatory Form)  
29 CFR 1910.1200. Standard must be consulted Form Approved  
for specific requirements. OMB No. 1218-0072  
IDENTITY (As Used on Label and List)  
BONIDE MOSQUITO BEATER (INSECT REPELLENT) Date: October 7, 1998  
Section I

Bonide Products, Inc. (800) 424-9300  
2 Wurz Ave. (315)736-8231  
Yorkville, NY 13495

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical OSHA PEL ACGIH TLV Other Limits %  
Identity: Common Name(s) (Optional )  
Methylated Napthalenes CAS#91-20-3  
Butoxypolypropylene Glycol

Section III - Physical/Chemical Characteristics

BOILING POINT: N/A SPECIFIC GRAVITY(H2O=1): Bulk Density  
VAPOR PRESSURE (mm Hg): N/A MELTING POINT: N/A  
VAPOR DENSITY (AIR=1): N/A EVAPORATION RATE(Butyl Acetate=1): N/A  
SOLUBILITY IN WATER: Non Soluable  
APPEARANCE AND COLOR: Sand brown granules. Napthalene odor

#### Section IV - Fire and Explosion Hazard Data

FLASH POINT (Method used): 130 F TOC FLAMMABLE LIMITS: N/A  
EXTINGUISHING MEDIA CO2 UNUSUAL FIRE AND EXPLOSION HAZARDS: None  
SPECIAL FIRE FIGHTING PROCEDURES: Backpacks and protective gear required.  
Avoid use of water to reduce contamination hazard.

#### Section V - Reactivity Data

STABILITY: Stable INCOMPATIBILITY (Materials to Avoid): None  
CONDITIONS TO AVOID: Store in a cool, dry place.  
HAZARDOUS POLYMERIZATIONS: Will not occur.  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None

#### Section VI - Health Hazard Data

ROUTES OF ENTRY: INHALATION: LC50 > 20,000. Avoid inhalation of dust.  
SKIN: LD50 > 20,000 mg/kg. Avoid contact.  
INGESTION: LD50 > 20,000 mg/kg.  
CARCINOGENICITY: NTP: N/A IARC MONOGRAPHS: N/A OSHA REGULATED: No  
SIGNS AND SYMPTOMS OF EXPOSURE: None  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None  
EMERGENCY AND FIRST AID PROCEDURE: For eyes and skin: Flush with water. For inhalation: Remove to fresh air. See physician with any persistent irritation.

#### Section VII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Avoid direct contact with spilled material. Avoid inhalation. Sweep or vacuum material up.  
WASTE DISPOSAL METHOD: Sweep up (or other effective method). Product that cannot be used according to label directions must be disposed of according to Federal, State, and Local procedures. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep tightly sealed. Store in a cool dry place away from food, feed, water. OTHER PRECAUTIONS: Follow label directions at all times.

#### For Additional Information:

Contact: MSDS Coordinator - Vopak USA  
During business hours, Pacific Time - (425) 889-3400

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Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information refer to a Product Specification Sheet and/or a

Certificate of Analysis. These can be obtained from your local Vopak USA Sales Office.

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