

Material Safety Data Sheet  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be consulted  
for specific requirements.

U.S Department of Labor  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

## Bonide Mosquito Beater Flying Insect Fog

**ID # 4485**

Date: April 30, 2012

### Section I

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Bonide Products, Inc.	(800) 424-9300
6301 Sutliff Road	(315) 736-8231
Oriskany, NY 13424	

### Section II - Hazardous Ingredients/Identity

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Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
3-Phenylloxybenzyl (1RS,3RS; 1RS,3SR) – dimethyl-3-2 methyloprop-1-enyl) cyclopropanecarboxylate				0.15%
Piperonyl butoxide, Tech				0.15%
Other ingredients (Mixture of severely hydrotreated and hydrocracked base oil)				99.70%

**CAUTION** - Harmful if absorbed through skin, swallowed or inhaled. Avoid contact with eyes, skin or clothing. Prolonged or repeated exposure may lead to reddening of skin, rash, dermatitis or other skin reactions, possible due, in part, to the removal of some natural oils and fats from the skin.

### Section III -Emergency and First Aid Procedures

**INGESTION:** Drink 1 or 2 glasses of water to dilute material. Do not induce vomiting, as potential aspiration may induce chemical pneumonia. If vomiting occurs naturally rinse mouth and continue to sip water.

**EYES:** Flush with running water for at least 15 minutes while holding eyelids open. If irritation persists, get medical attention.

**SKIN:** Remove all contaminated clothing. Wash skin and hair thoroughly with soap and water. Wash clothing before reuse. If irritation persists, get medical attention.

**INHALATION:** Remove to fresh air. If irritation persists, get medical attention.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known. Preexisting skin or respiratory disorders may be aggravated by excessive exposure to this material.

### Section IV – Firefighting Measures

**FLASHPOINT:** >258° F

**FIRE EXTINGUISHING MEDIA:** Can be made to burn; ease of burning is directly related to temperature. Dry Chemical, CO<sub>2</sub>, Foam, Water Spray or Fog.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** If water is used to fight fire or cool containers, contain run-off by diking to prevent contamination of water supplies.

**NFPA:** Health – 1 Fire Hazard – 1 Reactivity – 0 Specific Hazard- NA

### Section V – Accidental Release Measures

**SPILL OR LEAK PROCEDURES:** Contain spill by diking spilled material. Stop leak if safe to do so. Extinguish all ignition sources. Absorb liquids by covering with clay or other absorbent material; vacuum, scoop or sweep up wastes and place in container for disposal. Collect used absorbent for later disposal. Avoid contact with spilled material. Avoid contaminating sewers, streams, rivers and other water courses with spilled material.

### Section VI – Handling & Storage

**HANDLING AND STORAGE:** Store in a cool, dry place away from children, domestic animals, food and feed products. Do not contaminate other stored products or the storage area by handling or storage of this product. Immediately clean up any spills which occur during handling and storage. Wash thoroughly after handling. Keep away from children and domestic pets.

**OTHER PRECAUTIONS:** Do not contaminate water supplies by handling or storage of product, cleaning of equipment or disposal of wastes. Keep work and storage areas clean. Read and follow precautionary measures on product label.

### Section VII – Exposure Controls/Personal Protection

ROUTES OF ENTRY: Ingestion, inhalation, eyes and skin contact.  
PROTECTIVE GLOVES: Wear nitrile, rubber or other impervious gloves.  
EYE PROTECTION: Chemical goggles or shielded safety or face shield.  
OTHER PROTECTIVE EQUIPMENT: Wear clothing consistent with good practices for handling and applying pesticides. Wash clothing before reuse. Wear full foot wear.  
RESPIRATORY PROTECTION (Specify type): Stay upwind of spray/mist/fog. If vapors may exceed acceptable levels, wear MSHA/NIOSH-approved respirator or mask to protect against pesticide dusts, mists and vapors.  
OTHER: Work in a well-ventilated area Outside use only.

### Section VIII – Physical & Chemical Properties

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BOILING POINT: >248°F (wide range)	SPECIFIC GRAVITY: 0.815 - .870
VAPOR PRESSURE (MM. of Mercury): Negligible	VAPOR DENSITY (AIR=1): NA
PERCENT VOLATILE (BY VOLUME): NA	SOLUBILITY IN WATER: Insoluble in water
AUTOIGNITION TEMPERATURE: 650°F (est.)	DENSITY: 6.8 to 7.3 lbs/gal
APPEARANCE AND ODOR: Clear, colorless, oily liquid mild petroleum odor.	

### Section IX – Stability & Reactivity

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STABILITY: Stable      CONDITIONS TO AVOID: Excessive Heat      CONDITIONS TO AVOID: NE  
HAZARDOUS POLYMERIZATION: Will not occur      INCOMPATIBILITY (Materials to avoid): Strong Oxidizers.  
HAZARDOUS DECOMPOSITION PRODUCTS: Unknown hazardous materials may be formed in a fire situation.  
Incomplete combustion may lead to formation of carbon monoxide and/or other asphyxiates.

### Section X - Toxicology Information

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This product is toxic to aquatic organisms, including fish and invertebrates.  
POTENTIAL CARCINOGEN STATUS: Tests on laboratory animals with highly-refined oils such as those contained in this product have shown no evidence of carcinogenicity. None of the other components in this product is listed by IARC, NTP or OSHA as a carcinogen.

### Section XI - Ecological Information

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Contain spill; absorb liquids by covering with clay or other absorbent material; vacuum, scoop or sweep up wastes and place in container for disposal.  
Do not contaminate water supplies by handling or storage of product, cleaning of equipment or disposal of wastes. Keep work and storage areas clean. Read and follow precautionary measures on product label.

### Section XII- Disposal Considerations

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WASTE DISPOSAL METHOD: Material which cannot be used at the site should be disposed of in an approved waste disposal facility following all applicable Federal, State and local regulations. Triple rinse empty containers and offer for recycling or reconditioning, or puncture and dispose of in an approved sanitary landfill. Do not contaminate water supplies by disposal of wastes or containers.

### Section XIII - Transportation Information

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DOT Classification: Not a hazardous material for transport according to the requirements of the DOT.

NOTICE: This information is believed to be accurate and reliable. However, no guarantee expressed or implied is made with respect to the information contained herein.

**KEEP OUT OF REACH OF CHILDREN**

### ABBREVIATION KEY

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N/A: NOT AVAILABLE OR APPLICABLE	N/E: NOT ESTABLISHED	ND: Not Determined
TLV: THRESHOLD LIMIT VALUE	TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY	
STEL: SHORT TERM EXPOSURE LIMIT	D.O.T.: DEPARTMENT OF TRANSPORTATION	

### DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.