

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 Ready To Spray

**ID # 4407(2)**

Date: March 10, 2008

### Section I

Bonide Products, Inc.  
6301 Sutliff Rd.  
Oriskany, NY 13424

(800) 424-9300  
(315) 736-8231

### Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Permethrin [CAS NO. 52645-53-1]	TWA - N/E	STE - N/E		2.50
Aqueous/emulsion Diluents	TWA - N/E	STE - N/E		97.50

### Section III - Physical/Chemical Characteristics

PHYSICAL FORM: Liquid      COLOR: opaque/white      pH: 6.5 to 7.0  
ODOR: Slight Insecticide type odor.      SPECIFIC GRAVITY: - 0.9975      LD<sub>50</sub> DERMAL: \* >2000 mg/kg  
VAPOR PRESSURE: N/E      LD<sub>50</sub> ORAL: \* >4000 mg/kg

### Section IV - Fire/Explosion Hazards

FLASH POINT: Aqueous base product. Will not flash or burn. Will "steam" from water content.

FLAMMABILITY: N/E

EXTINGUISHING MEDIA for cardboard shipping cartons: Water Fog; CO<sub>2</sub> or Chemical foam.

FIRE FIGHTING COMMENTS: Foam/Fog system preferred. Remove closed case goods from path of fire. Use fog nozzles if water is used. Use air supplied or canister breathing masks for protection against burning cases and cartons.

UNUSUAL FIRE/EXPLOSION HAZARD: None. Toxic vapor from heated product - Does not contain explosive ingredients.

### Section V - Reactivity Data

STABILITY: Stable

POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: Do not allow products to freeze, If frozen warm to ambient temperature, thoroughly mix and test spray a small leaf area of paint to assure that product will work properly.

DECOMPOSITION: Product is a diluted water base Insecticide and not likely to have any hazardous decomposition.

### Section VI - Storage and Handling

STORAGE: Store product in its original labeled container in a cool, dry, locked place out of reach of children. Keep away from food, feed and feed stock. Always practice good hygiene when handling this or any pesticide or chemical. KEEP OUT OF REACH OF CHILDREN.

STORAGE TEMPERATURES: Ambient (Average Warehouse) Temperatures. Do not allow to freeze.

EYE PROTECTION: Safety glasses or goggles.

SKIN: Avoid contact. Wear Rubber or neoprene gloves. Body covering clothing: shoes plus socks. Wash thoroughly after handling; launder contaminated clothing separate from other laundry.

RESPIRATOR TYPE: None likely needed during application. (Coarse spray droplets from Hose-End Sprayer) For outside use only. Avoid mist or vapors, stay upwind when applying.

PRODUCT DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Excess product may be disposed of on site or at an approved disposal facility or continue to use up all product as directed for insect control.

CONTAINER DISPOSAL: Do not re-use empty container; wrap in several layers of newspaper and discard in trash. Do not discard unused product into drains or the environment.

## Section VII – FIRST AID

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PRODUCT LABEL BEARS ONLY THE “CAUTION” SIGNAL WORD.

FIRST AID: IF SWALLOWED: Call a physician of Poison Control Center immediately. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

EYES: Rinse eyes for at least 15 minutes with plenty of water. Call a physician if irritation persists.

SKIN: Wash promptly and thoroughly with plenty of soap and water. Wash contaminated clothing. Get medical attention if irritation persists.

INHALATION: Remove victim to fresh air. Apply artificial respiration if needed to keep victim breathing.

NOTE TO PHYSICIAN: Permethrin is considered a mild irritant and moderately toxic. Treat symptomatically.

CAUTION: May be harmful if swallowed or absorbed through the skin. Avoid breathing spray mist or vapors. Do not take internally. Avoid contact with skin, eyes or clothing. Wash hands and face thoroughly after handling and before eating, drinking or smoking.

## Section X - Transportation

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D.O.T. SHIPPING NAME: Misc. Lawn & Garden Insecticide                      Class N.O.S.

D.O.T. HAZARD CLASS: N.O.S. Non-hazardous

D.O.T. LABELS REQUIRED: No                      I.D. Number: N.O.S.

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## KEEP OUT OF REACH OF CHILDREN

### ABBREVIATION KEY

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N/A: NOT AVAILABLE OR APPLICABLE

N/E: NOT ESTABLISHED

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

STEL: SHORT TERM EXPOSURE LIMIT

D.O.T.: DEPARTMENT OF TRANSPORTATION

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