

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 Japanese Beetle Killer RTU**

**I.D. NO. 4309**  
Date: June 1, 2007

**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)
Pyrethrins CAS #8003-34-7					0.02
Piperonyl Butoxide CAS #51-03-06					0.20
Balance Inert Ingredients					

**Section II – Physical/Chemical Ingredients**

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APPEARANCE AND ODOR: Cloudy, whitish liquid, little odor  
SPECIFIC GRAVITY: 1.04- 1.06  
BOILING POINT: >200°F (wide range)  
SOLUBILITY IN WATER: Emulsifies in water  
HAZARDOUS POLYMERIZATION: Will not occur.

**Section III - Fire/Explosion Hazard Data**

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FLASH POINT: N/A FLAMMABILITY: Puts out flame.  
FIRE FIGHTING COMMENTS: Avoid use of water to reduce contamination hazard. Keep runoff from lakes, streams, rivers or other water sources.  
HAZARDOUS DECOMPOSITION PRODUCTS: None known  
INCOMPATIBILITIES: Avoid strong oxidizing agent.  
UNUSUAL FIRE/EXPLOSION HAZARD: None

**Section IV - Spill or Leak Procedures**

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PRECAUTIONS: Avoid prolonged contact with spilled material.  
DISPOSAL: Soak up with absorbent. Small spills may be placed in original container, wrapped in paper and placed in trash. For large spills, consult State and Local authorities for disposal directives.

**Section V - Storage and Handling**

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STORAGE: Keep in a cool, dry place and in an area inaccessible to children or pets. Store away from food, feed products or potable water. Keep away from water sources. Avoid temperature extremes. Keep from freezing.  
HANDLING PRECAUTIONS: Always practice good hygiene when working with any chemical. Wear safety glasses or goggles and impervious gloves. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling or before eating or smoking. Launder clothing before next work shift. Do not breathe spray mist. Use in well ventilated areas.  
CONTAINER DISPOSAL: Wrap empty container and place in trash collection. Open dumping or burning of this material is prohibited. An acceptable method of disposal is to burn in an incinerator in accordance with all local, state and federal environmental laws, rules, standards and regulations. Because acceptable methods of disposal may vary by location and because regulatory requirements may change, the appropriate regulatory agencies should be contacted prior to disposal. Steel containers which contained these materials must be crushed and disposed of in a sanitary landfill.

## **Section VI - Health Hazard Data**

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PRECAUTIONS: May be harmful if swallowed or absorbed through skin.

FIRST AID: IF IN EYES OR ON SKIN: Flush eyes for 15 minutes with water or saline solution. Wash affected area thoroughly with plenty of soap and water. Get medical attention if irritation persists. If ingested contact a poison control center. Never induce vomiting in an unconscious person.

NOTE TO PHYSICIAN: May cause allergic reactions in susceptible individuals.

## **Section VII - Additional Information/Hazards**

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This product is toxic to fish and other aquatic organisms. Do not contaminate water with this product.

DOT PROPER SHIPPING NAME: Not Regulated

## **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

### **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.