

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 Fruit Tree and Plant Guard Concentrate**

**ID # 4488**

### Section I- Identification

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

Use per label directions. For Residential use. Not for human consumption.

### Section II – Hazardous Identification

**EMERGENCY OVERVIEW:** WARNING: May be harmful if swallowed. Causes moderate eye irritation. Wash thoroughly with soap and water after handling. Remove contaminated clothing laundry separately.



### Section III – Hazardous Ingredients/Identity

Common Name(s)	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Lambda Cyhalothrin	CAS#91465-08-6			0.500%
Pyraclostrobin	CAS#175013-18-0			3.060%
Boscalid	CAS#188425-85-6			5.622%

### Section IV- First Aid Measures

**SKIN:** Wash thoroughly with soap and water- rinse skin with water for at least 15 minutes.

**EYE:** Immediately flush with large quantities of water for at least 15 minutes.

**INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen and call a physician.

**ORAL:** If swallowed, call a physician.

**ADDITIONAL:**N/D

### Section V – Fire-Fighting Measures

**FLASH POINT** > 200° F

**FLAMMABLE LIMITS:** N/D

**EXTINGUISHING MEDIA:** Dry chemical or waterspray or waterfog or CO2 or Foam or Sand/Earth

**SPECIAL FIREFIGHTING PROCEDURES:** Isolate fire area. Evacuate downwind residents and all areas where fire seriously threatens the product containers. Wear full protective clothing including rubber boots, neoprene gloves and self-contained breathing apparatus. Attempt to keep drums cool. Do not breathe smoke or vapors.

### Section VI- Accidental Release Measures

**SPILL OR LEAK:** Isolate and post spill area. Keep material out of streams and sewers. In case of a large spill or leak, contain liquid with kitty litter or other noncombustible, absorbent material, and then place in clean container for disposal. Dike run off if possible. Wastes, including spills or rinsates, and leftover pesticide that cannot be used according to label instructions must be disposed of according to applicable federal, state, or local procedures.

### Section VII - Handling & Storage

**HANDLING:** Wash Thoroughly After Handling. Wash All Contaminated clothing separately. Always practice good hygiene when handling this or any chemical. Do not eat, drink or smoke while using this product. Keep out of the reach of children.

**STORAGE:** Store in a cool, dry place away from children, domestic animals, food, feed products and water sources. Store between 60°F and 120°F. Avoid freezing. 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.

**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 VIII - Exposure Controls & Personal Protection

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EYE PROTECTION: Chemical safety glasses or goggles.

SKIN PROTECTION: Rubber or neoprene, solvent resistant gloves. Long sleeved shirt, long pants, socks and shoes. Neoprene protective type apron.

RESPIRATORY PROTECTION (Specify type): Not normally required. If vapors may exceed acceptable levels, wear MSHA/NIOSH-approved respirator or mask to protect against pesticide dusts, mists and vapors.

VENTILATION PROCEDURE: Local, mechanical, special. Stay upwind of mist/spray.

## Section IX – Physical & Chemical Properties

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APPEARANCE: Viscous tan opaque liquid

ODOR: Aromatic

SPECIFIC GRAVITY: @ 20°C Approx. 1.0

EVAPORATION RATE: N/D

WATER SOLUBILITY: Dispersible

pH: 6.00 to 8.5

VAPOR PRESSURE: No data available

VAPOR DENSITY: N/D

## Section X – Stability & Reactivity

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STABILITY: Product is stable under normal conditions.

INCOMPATIBILITY: Avoid contact with strong acids and strong bases. POLYMERIZATION: Not applicable.

THERMAL DECOMPOSITION: Protect from open flame and heat sources. May decomposes upon heating.

## Section XI - Toxicology Information

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ORAL TOXICITY: Harmful if swallowed.

EYE IRRITATION: Slight irritation.

SKIN IRRITATION: Mild irritation.

CHRONIC EFFECTS OF OVEREXPOSURE: No data available.

ACUTE TOXICOLOGICAL PROPERTIES: Mild to moderate irritation.

## Section XII - Ecological Information

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Product is toxic to bees. Product is highly toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. To protect the environment do not allow pesticide to enter or run off into storm drains, drainage ditches, or surface waters.

## Section XIII - Disposal Information

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WASTE DISPOSAL: 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.

## Section XIV - Transportation Information

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DOT PROPER SHIPPING NAME: None

DOT HAZARD CLASS: None

## Section XV – Other Regulatory Information

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SECTION 313 (Title III Superfund Amendment and Reauthorization Act) .

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL 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

## Section XV – Additional Information

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Safety Data Sheet date of last revision: October 17, 2013.

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

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