

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 Fung-onil Multi-Purpose Fungicide Concentrate

**ID # 6006394**

Date: May 8, 2008

### Section I

Bonide Products, Inc.  
6301 Sutliff Road  
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 )
Chlorothalonil [1897-45-7]	PEL-N/E		TLV-N/E		29.600
Inert Ingredients	PEL-NE		TLV-N/E		70.400

### Section III - Physical Data

COLOR: White	PHYSICAL FORM: Liquid
ODOR: low odor	pH: 5 - 8
FLASH POINT: Non-Flammable	Solubility in water: Dispersible
VAPOR PRESSURE: N/E	SPECIFIC GRAVITY: 1.16 - 1.18

### Section IV - Health Hazard Data

EMERGENCY OVERVIEW: A white, low odor, flowable liquid.

EFFECTS OF OVER EXPOSURE

EYES: Human experience indicates that this product may cause mild to severe irritation, depending on degree of exposure. No evidence of permanent damage has been found.

SKIN: Mildly irritating to skin. Rarely causes an allergic reaction.

INHALATION: May cause irritation to the respiratory tract.

INGESTION: May cause irritation of the gastrointestinal tract following ingestion of large amounts.

### Section IV - First Aid

IF SWALLOWED: Do not induce vomiting or give anything by mouth to an unconscious person. Seek medical attention.

IF INHALED: Remove person from contaminated area to fresh air or employ proper respiratory protection until adequate ventilation or other control measure is restored. If symptoms develop, seek medical attention.

IF ON SKIN: Wash thoroughly with soap and water. Remove contaminated clothing and footwear. Wash clothing and decontaminate footwear before reuse. Seek medical attention if irritation persists.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN: Persons having temporary irritation symptoms respond to treatment with antihistamines or steroid creams and /or systemic steroids.

### Section V - Fire and Explosion Hazards

FLASH POINT: Non-flammable. AUTO IGNITION: N/A

EXTINGUISHING MEDIA: Water Fog, CO<sub>2</sub>, or Chemical Foam

HAZARDOUS DECOMPOSITION PRODUCTS: May decompose under fire conditions to emit gases and vapors that may be toxic and irritation to the respiratory tract.

HAZARDOUS POLYMERIZATION: Not known to occur.

### Section VI - Spill and Leak Procedures

This product is toxic to fish. Keep out of lakes, streams or ponds. Contain spill. Remove as much as possible by shoveling and sweeping. Place contaminated materials in closed, labeled containers and store in a safe place to await proper disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Persons performing this work should wear adequate personal protective equipment and clothing.

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## Section VII - Storage and Handling

**STORAGE:** Keep pesticide in original container. Avoid contamination of food and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Do not allow product to freeze. Keep out of reach of children.

**HANDLING:** Do not get in eyes, on skin or on clothing. Wear safety glasses or goggles. Wear long sleeved shirt, long pants, and rubber gloves while mixing and applying this product. Wash skin and hands thoroughly after using. Remove and wash contaminated clothing before reuse. Keep children and pets off treated area until dry.

**RESPIRATOR TYPE:** Avoid breathing spray mist. NIOSH approved dust mask or respirator.

**EYE PROTECTION:** Protective eyewear should be worn against possible liquid splash or spray mist.

**GLOVES:** Waterproof rubber or nitrile gloves..

**OTHER PROTECTION:** Wear long sleeved shirt, long pants, full footwear, and rubber gloves while applying this product. Use local ventilation indoors. Outside apply up wind of spray.

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## Section X - Reactivity Data

**STABILITY:** Stable. Water base product. **POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** Storage above temperatures above 100 degrees will lead to non-hazardous decomposition.

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## Section XII - Ecological Information

This product is toxic to fish and other aquatic organisms. Do not apply directly to water. Do not contaminate water by disposal of equipment washwaters. Do not apply when weather conditions favor drift of spray.

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## Section XIII - Disposal

Do not re-use empty containers. Wrap and discard in trash.

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## Section XIV - Transportation

Regulated by Air, Water & Land >119 gal. as

D.O.T. Shipping Name: Environmentally Hazardous substance, liquid, N.O.S. 9, UN3082, PG III ERG #171

D.O.T. Hazard Class: 9 D.O.T. Labels Required

SPECIAL PROVISION: Marine Pollutant Freight class: NMFC Item #102120

Non Regualted <119 gallons

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## Section XV - Regulatory Information

SARA TITLE III: 313 Inventory Ingredients: Chlorothalonil (29.6%).

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## Section XVI - Other Information

**NOTICE FROM BONIDE:** The information contained herein is offered only as a guide to the handling of this specific material. Since such information does not relate to use of the material with any other material or in any process, any person using this information must determine for himself its suitability for any particular application. The buyer and user assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the product level.

# KEEP OUT OF REACH OF CHILDREN

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## ABBREVIATION KEY

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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## 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.