

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: April 9, 2001

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 (tetrachloroisophthaionitrile)	PEL-N/E	TLV-N/E		29.600
Inert Ingredients	PEL-NE	TLV-N/E		70.400

Section III - Health Hazard Data

EMERGENCY OVERVIEW: A tan odorless, flowable liquid that: Causes eye and skin irritation. May produce temporary allergic side effects. Is toxic to fish and other aquatic organisms

ROUTES OF ENTRY: Skin Contact

EYES: Causes eye irritation SKIN: Causes skin irritation. May produce temporary allergic side effects.

SIGNS AND SYMPTOMS: This product may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Persons having allergic reactions should contact a physician.

Section IV - First Aid

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention.

IF ON SKIN: Wash thoroughly with soap and water. Get medical attention.

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

Section V - Fire and Explosion Hazards

FLASH POINT: Aqueous liquid non-flammable. EXTINGUISHING MEDIA: Water Fog, CO₂, or Chemical Foam

SPECIAL FIRE FIGHTING PROCEDURES: 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 case good and containers. Evacuate people downwind. Containers may bust when exposed to high temperatures.

UNUSUAL FIRE OR EXPLOSION HAZARD: Wash based product presents minimum fire hazard.

Section VI - Spill and Leak Procedures

Soak up all liquid and dispose of according to local waste disposal authorities. Keep from contaminating any water supply and protect from exposure to heat or open flame.

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.

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

SHELF LIFE: 1-2 years HANDLING: Do not get in eyes, on skin or on clothing. 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.

Section VIII - Special Protection Information

RESPIRATOR TYPE: Avoid breathing spray mist. Dust/Mist filter suggested. EYE PROTECTION: Protective eyewear should be worn against possible liquid splash or spray mist. GLOVES: Waterproof gloves. OTHER PROTECTION: Wear long sleeved shirt, long pants, and rubber gloves while mixing and applying this product.

Section IX - Physical Data

COLOR: Tan	PHYSICAL FORM: Flowable Liquid	SPECIFIC GRAVITY: 1.00
ODOR: None	BULK DENSITY: 8.35 lbs./gal.	pH: 7.0±0.5
FLASH POINT: Non-Flammable Aqueous Base	VAPOR PRESSURE: N/E	

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. DECOMPOSITION PRODUCTS: If product becomes extremely hot; boiling, arsenic fumes may evolve.

Section XI - Toxicological Information

Acute toxicological data is not available for this formulation.

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.

Section XIII - Disposal

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

Section XIV - Transportation

D.O.T. Shipping Name: CT Multi Purpose Fungicide Ready-to-Use
D.O.T. Hazard Class: Not Regulated D.O.T. Labels Required: None Required

Section XV - Regulatory Information

SARA TITLE III: This product contains no material listed under SARA 313.
LARC, NTP, OSHA, Carcinogen: No ingredient in this material is listed as a carcinogen.
CALIFORNIA: This product contains no ingredients listed on Proposition 65.

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.

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**

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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