

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: February 28, 2013

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

EMERGENCY OVERVIEW:

WARNING: May be harmful if inhaled. May be harmful if swallowed or contact with skin. Avoid breathing mist. May cause allergic skin reaction. Wash thoroughly with soap and water after handling. Remove contaminated clothing/laundry separately.

Section III - 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.

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.

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

Section IV - Fire and Explosion Hazards

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

EXTINGUISHING MEDIA: Water Fog, CO₂, or Chemical Foam, if water is used dike and collect water. Wear full protective gear and self-contained breathing apparatus. Evacuate non essential personnel from area.

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

Section V – Accidental Release Measures

Contain spill. Use absorbent material to soak up liquid. 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.

Section VI - 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. Protective eyewear should be worn against possible liquid splash or spray mist. Keep children and pets off treated area until dry.

Section VII – Personal Protective Equipment

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

EYE PROTECTION: Wear safety glasses or goggles.

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.

Section VIII - 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 IX – Stability & Reactivity Data

STABILITY: Stable. Water base product.

POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None Known

MATERIALS TO AVOID: Metals such as Aluminum.

Section X - Toxicological Information

Reproductive/Developmental Effects: Chlorothalonil: Did not show reproductive toxicity effect in min animal experiments. Did not show teratogenic effects in animal experiments.

Section XI - 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 wash waters. Do not apply when weather conditions favor drift of spray.

Section XII – Disposal Considerations

Do not re-use empty containers. Wrap and discard in trash. Keep out of lakes, streams or ponds.

Section XIII – Transportation Information

Regulated by Air, Water & Land >119 gal. - D.O.T. Labels Required

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

D.O.T. Hazard Class: 9

SPECIAL PROVISION: Marine Pollutant

Freight class: NMFC Item #102120

NON BULK: Non Regulated <119 gallons

Section XIV - Regulatory Information

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

RCRA HAZARD WASTE CLASS: N/A

NOTICE: 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 assume 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**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

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.