

Multi-Purpose

MATERIAL SAFETY DATA SHEET

Date: 11/1/93

SECTION I - IDENTIFICATION OF PRODUCT

MANUFACTURER'S NAME: UNICORN LABORATORIES
1000 118TH AVENUE NORTH
ST. PETERSBURG, FLORIDA 33716

PRODUCT NAME: UNICORN MULTI-PURPOSE
FUNGICIDE

EPA REGISTRATION NO. 28293-238
EPA ESTABLISHMENT NO. 44816-MO-1
& 62478-FL-1

Emergency Phone: (813) 578-4545

CHEMICAL NAME: See Section VI

C.A.S. NAME: See Section VI

C.A.S. NUMBER: See Section VI

CHEMICAL FORMULA:

MOLECULAR WEIGHT: N/A

CHEMICAL FAMILY: Fungicide

D.T. HAZARD CLASS: N/A

D.O.T. SHIPPING NAME: Insecticide Liquid
Other than Agriculture N.O.I.B.N.

SECTION II - PHYSICAL DATA

ODOR: slight surfactant odor

MELTING POINT: N/A - Not a solid

APPEARANCE: flowable Liquid

PARTICLE SIZE: N/A

LBS/GAL: 9.1 #s/gal

CLOUD PT: N/A

COLOR (G-H): milky white to gray

PERCENT VOLATILE: N/A

BOILING POINT: >210°F

EVAPORATION RATE: N/A

VAPOR PRESSURE: N/A

FLASH POINT: >210°F

VAPOR DENSITY: N/A

SPECIFIC GRAVITY: 1.03

BULK DENSITY (FLUFFED): N/A

BULK DENSITY (SETTLED): N/A

REFRACTIVE INDEX: N/E

SOLUBILITY (OIL): Soluble

SOLUBILITY (WATER): Soluble

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SECTION III - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): >210°F

FLAMMABLE LIMIT (LOWER): N/E

FLAMMABLE LIMIT (UPPER): N/E

FIRE EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical or water.

SPECIAL PROCEDURES: Self-contained breathing apparatus should be provided for firefighters

UNUSUAL FIRE/EXPLOSION HAZARDS:

SECTION IV - HEALTH HAZARD DATA

TOXICITY CATEGORY: "WARNING" label required

ORAL LD50: N/E

DERMAL LD50: N/E

INHALATION LD50: N/E

EYE EFFECTS: Irritant

SKIN EFFECTS: Skin Sensitize

THRESHOLD LIMIT VALUE: N/E

ADDITIONAL COMMENTS: Causes eye irritation. Do not get in eyes. Avoid contact with skin or clothing. Do not take internally. Do not breathe spray mist.

SECTION V - SPECIAL PROTECTION

EYE PROTECTION: Wear goggles or eye shield when handling.

SKIN PROTECTION: Wash thoroughly with soap and warm water after handling.
Wear long sleeve shirt, long pants, and gloves when using this product.

RESPIRATORY PROTECTION:

OTHER PRECAUTIONS: Keep children and pets away from treated area until sprays have dried.

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SECTION VI - HAZARDOUS COMPONENTS OF MIXTURES

<u>MATERIAL</u>	<u>PERCENT</u>
Chlorothalonil (tetrachloroisophthalonitrile) CAS #1887-43-6	12.5%
Inerts (Water based)	87.5%

SECTION VII - EMERGENCY & FIRST AID PROCEDURES

IF SWALLOWED: Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until fluid is clear. Call a physician immediately. 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 warm water after handling.

IF IN EYES: Flush with plenty of water immediately for at least 15 minutes. Call a physician immediately.

Note to physician: Affected persons respond to treatment with antihistamines or steroid creams and/or systemic steroids.

SECTION VIII - EFFECTS OF OVER-EXPOSURE

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 reaction should contact a physician.

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SECTION IX - SPILLAGE OR LEAKAGE 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 X - WASTE DISPOSAL METHODS

Do not reuse container. Rinse thoroughly before discarding. Securely wrap original container in several layers of newspaper and discard in trash.

SECTION XI - ADDITIONAL PRECAUTIONS

Storage: Store this product in its original container out of reach of children and domestic animals. Do not contaminate feed or foodstuff by storage or disposal. Do not use, pour, spill or store near heat or open flame.

Environmental Hazards: This product is toxic to fish, aquatic invertebrates and marine/estuarine organisms. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from treated areas.

Apply to plants specified on label only. Do not graze treated areas. Do not feed clippings to livestock.

SECTION XII - COMMENTS

The information contained herein is believed to be accurate whether originating with Unicorn or not. Unicorn provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data. Recipients are advised to confirm any data, in advance of need, that it is current, applicable and suitable to their circumstances.

N/E = Not Established

N/A = Not applicable