



Product: SYSTEMIC FUNGICIDE
EPA Reg. No.: 1001-63-869
Effective Date: 07/31/1996

MATERIAL SAFETY DATA SHEET

Emergency Phone 800/535-5053

Size	Product Number	UPC Code
2 oz.	12512	0 49424 12512 8

Note: Be sure to compare the EPA registration number as given on the MSDS with the EPA registration number as given on the label as some products have had the active ingredients changed without a corresponding change in the UPC number or in the item description.

1. INGREDIENTS:

Dimethyl 4-4'-o-phenylenebis-3-thioallophanate 50% CAS No. 23564-05-8

2. PHYSICAL DATA:

VAPOR PRESSURE:	N/A
SOL. IN WATER:	Disp.
APPEARANCE:	Finely ground powder
BULK DENSITY:	16 - 19 lbs. / cubic ft.
ODOR:	None

3. FIRE AND EXPLOSION HAZARD DATA:

EXTINGUISHING MEDIA: Water spray, dry chemical or foam.

FIRE AND EXPLOSION HAZARDS: N/A

SPECIAL FIRE-FIGHTING

INSTRUCTIONS:

Evacuate personnel to a safe area. Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Use water spray. Cool tank/container with water spray.

4. REACTIVITY DATA:

STABILITY: Stable

DECOMPOSITION: Decomposes with heat. Hazardous gases produced are n-butylisocyanate, a strong lachrymator.

POLYMERIZATION: Polymerization will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR
SPILLS/LEAKS:

NOTE: Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. Dike spill. Prevent liquid from entering sewers, waterways or low areas. Shovel or sweep up.

DISPOSAL METHOD:

Treatment, storage, transportation and disposal must be in accordance with federal, state, and local regulations. Remove nonusable solid material and/or contaminated soil, for disposal in an approved and permitted landfill. Do not flush to surface water or sanitary sewer system. Do not reuse container; dispose of according to approved federal, state or local procedures under the Resource Conservation and Recovery Act.

6. HEALTH HAZARD DATA:

EYE IRRITATION (rabbit): Non-irritating

SKIN IRRITATION &

SENSITIZATION (rabbit): LD50 >> 10,000 mg/kg;

INGESTION (fasted rats): LD50 >> 7,500 mg/kg (male & female)

INHALATION (4 hour exposure, rat): LC50 >> 20 mg/L (dry product)



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SYSTEMIC & OTHER EFFECTS:

None of the components in this chemical are listed by IARC, NTP or OSHA as a carcinogen.

7. FIRST AID:

EYES:

Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

SKIN:

Flush skin with plenty of water.

INGESTION:

If swallowed, induce vomiting immediately by giving 2 glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician.

INHALATION:

If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

8. HANDLING PRECAUTIONS:

VENTILATION:

Use only with adequate ventilation.

RESPIRATORY PROTECTION:

Filter respirator; Approved pesticide respirator if exposure may exceed AEL level.

SKIN PROTECTION:

Wear protective clothing.

EYE PROTECTION:

Coverall chemical splash goggles.

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