

MATERIAL SAFETY DATA SHEET

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Revised Date: 6/1/90
Date: 1/6/88

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PRODUCT IDENTIFICATION

TRADE NAME: **FOAM-COAT VAPOROOTER®**

EPA REGISTRATION: 9993-2

LABEL:	Sodium methyldithiocarbamate (anhydrous)	28.40%
	2,6 - dichlorobenzonitrile	1.73%
	Inert ingredients	69.87%
		100.00%

CHEMICAL NAMES:
sodium methyldithiocarbamate, metam-sodium CAS 137-42-8
2,6 - dichlorobenzonitrile, dichlobenil CAS 1194-65-6
also contains isopropyl alcohol CAS 67-63-0

PRODUCT DESCRIPTION:
the fiberboard box contains two inside containers - a twenty-seven ounce plastic bag containing dichlobenil powder and a five gallon plastic pail containing the metam-sodium/foaming agent mixture. Where necessary, the plastic pail contents will be referred to as the LIQUID and the plastic bag contents as the POWDER.

PHYSICAL PROPERTIES:

	<u>Liquid</u>	<u>Powder</u>
Appearance	light green to yellow liquid	tan powder
Odor	sulfur-like	slight aromatic
Boiling point	ND	NA
Specific gravity	1.17 (H ₂ O=1)	NA
Vapor density	ND	NA
Melting point	NA	NA
Vapor pressure	NA	NA
pH	9-10.5	NA
Evaporation rate	ND	NA
Water solubility	miscible	insoluble, dispersible

(ND - not determined, NA - not applicable)

FIRE DATA

FLASHPOINT: 122° (TCC)
this flashpoint results from the presence of a small quantity of isopropyl alcohol (less than 5%).

EXTINGUISHING MEDIA: water

FIREFIGHTING TECHNIQUES:

wear full face self-contained breathing apparatus and impervious protective clothing. Evaluate fire area. Evacuate non-essential personnel from the area. The fiberboard boxes contain plastic containers, so cool with water spray to avoid container rupture. The breakdown products from high heat are irritating to the respiratory tract and may cause breathing difficulty and pulmonary edema. Run off from fire control or dilution with water may cause pollution or contamination of building, grounds and equipment.

HEALTH HAZARD INFORMATION

The principal routes of exposure are skin contact, eye contact or inhalation. Irritation may result from skin or eye contact with either the liquid or the powder.

No data have been identified which address medical conditions that are generally recognized as being aggravated by exposure to this product.

FIRST AID:

Eye Contact:

flush eyes with water for at least 15 minutes and get medical attention if eye irritation persists.

Skin Contact:

in case of contact, immediately remove contaminated clothing or shoes, and flush with plenty of water.

Inhalation in Confined Space:

remove to fresh air. If breathing has stopped, start artificial respiration procedures, and get medical attention immediately.

Ingestion:

if swallowed, give several glasses of water. Do not induce vomiting. Get medical attention.

These materials are not listed in accepted cancer registries, such as NTP or IARC.

REACTIVITY

This product is stable under normal storage conditions. Avoid prolonged exposure to temperatures below 33°F or above 90°F.

Avoid mixing with acidic material as evolution of H₂S may occur.

The Powder may decompose on exposure to bases.

The Solution is corrosive to brass, copper, zinc and aluminum.

The product will decompose in extreme heat. There is no indication of hazardous polymerization.

SPECIAL HANDLING INFORMATION

Eye Protection:

avoid eye contact with this material. Use of glasses or goggles is recommended.

Respiratory Protection:

avoid breathing vapor or mist. Use a self-contained breathing apparatus in confined areas. A NIOSH approved pesticide respirator will be useful to avoid mists or dust fumes. Ensure good ventilation in manufacturing or use.

Skin Protection:

avoid skin contact with this material. Use rubber gloves.

Other:

large amounts of water should be available to wash any spills off of personnel.

SPILL, LEAK AND DISPOSAL

Use appropriate safety equipment when dealing with spills or leaks. Add absorptive granules such as litter, and sweep up the absorbants. ~~Place in a waste disposal container for safe, legal disposal. Then clean area with water.~~

For container disposal, triple rinse the containers, and place rinse water into the application equipment. Puncture and dispose of pails in a sanitary landfill. Ensure that all federal, state and local regulations are followed.

Do not hose spillage onto adjacent planted areas. These herbicides may adversely affect desirable lawns, shrubs or trees. Foam should be shoveled off of planted areas immediately.

SPECIAL PRECAUTIONS

Keep out of reach of children.

Do not store near feed or foodstuffs.

This product (Liquid portion) is toxic to fish.

Keep children and pets out of treatment areas.

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility.