

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Dr. Janet Ollinger
Rohm and Haas Company
Independence Mall West
Philadelphia, PA 19105

2416893 300
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JUN 19 1992

Dear Dr. Ollinger:

Subject: Amended Labeling in Response to the EBDC PD-4
Dithane M-45 Concentrate Agricultural Fungicide
EPA Reg. No. 707-102
Your Submission Dated March 31, 1992

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is not acceptable for the following reasons:

1. Add caprifigs and pineapples to the list of uses on page one.
2. Revise the "Protective Clothing and Equipment" section to delete "agricultural workers/handlers". Since this is a formulating use, these terms would not apply. Change to "industrial workers" or other more applicable terms. Delete the last sentence since there are no reentry or worker protection statements to refer to.
3. The Environmental Hazards section must be revised. As worded, this section is relevant to end-use products. See the Mancozeb Registration Standard for the appropriate wording for manufacturing use products.

If you have any questions, please call Julie Fairfax at (703) 305-7390.

Sincerely yours,

Carl Grubbe for

Susan T. Lewis
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

H7505C:J.Fairfax:707-102:6/11/92

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

DITHANE M-45[®]

CONCENTRATE

Agricultural Fungicide



NOT FOR DUST BLENDING.

FOR FORMULATION INTO END-USE PRODUCTS INTENDED FOR USE ONLY ON Apples, Crabapples, Pears, Quince, Bananas, Cranberries, Grapes, Papayas, Asparagus, Corn, Cucumbers, Melons, Fennel, Onions, Potatoes, Squash, Tomatoes, Watermelons, Barley, Cotton, Oats, Peanuts, Rye, Sugar Beets, Wheat, Seed Treatment, Turf and Ornamentals.

ACTIVE INGREDIENTS

MANCOZEB

A coordination product of zinc ion and manganese ethylene bisdithiocarbamate.....

In which the ingredients are:

Manganese ⁺⁺	16.00%
Zinc ⁺⁺	2.00%
Ethylene bisdithiocarbamate ion (C ₄ H ₆ N ₂ S ₄)	62.00%

ACCEPTED
80% COMMENTS
In EPA REG. NO. 707-102

JUN 19 1982

Under the Fungicide, Insecticide, and Plant Growth Regulator Act, amended 1972, this pesticide registered under EPA Reg. No.

INERT INGREDIENTS.....

TOTAL

20% 707-102
100%

EPA REG NO. 707-102

NOTICE: Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions. If the Conditions of Sale and Warranty are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May cause irritation of nose, throat, eyes and skin. Do not breathe dust or spray mist.

PROTECTIVE CLOTHING AND EQUIPMENT: All agricultural workers/handlers (i.e., mixers, loaders, and applicators) applying EBDC's must wear coveralls over long-sleeved shirt and long pants, shoes, socks, and chemical-resistant gloves. During mixing and loading, a chemical-resistant apron, and goggles or a face shield must also be worn. Refer to Re-entry and Worker Protection Statements for additional Worker Safety rules.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Dilute by giving 2 glasses of water to drink and call a physician. Never give anything by mouth to an unconscious person.

IF INHALED: Move subject to fresh air.

IF IN EYES: Flush eyes with large amounts of water for at least 15 minutes. Consult a physician if irritation persists.

IF ON SKIN: Wash affected skin areas with soap and water.

BEST AVAILABLE COPY

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or disposing of wastes. For Seed Treatment Products- cover or incorporate spilled treated seed.

CONDITIONS OF SALE AND WARRANTY

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. **ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.** Handling, storage and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pest, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. **IN NO CASE WILL ROHM AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

NOTE : It is the responsibility of the reformulator to supply data to the EPA to support all claims listed on the reformulators label covering all directions for use. Reformulators should consult Rohm and Haas Company for formulation information and for technical bulletins.

STORAGE AND DISPOSAL

STORAGE: Keep away from fire and sparks. Store in a cool, dry, well-ventilated area. Do not allow to become wet or overheated in storage: decomposition, impaired activity, or fire may result. Keep container closed when not in use.

Pallets of containers should not be stacked more than three high. Provide access aisle for each two rows. Decomposition produces a foul odor; if observed, check for hot containers and immediately remove to open areas for disposal.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep or shovel into containers for disposal or reworking. Keep dusting to a minimum. Flush contaminated area with a large amount of water to a chemical or sanitary sewer containing a settling pit. Refer to Precautionary Statements.

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3/31/92

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