

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

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Dear Dr. Ollinger:

Subject: Dithane D-14  
          EPA Registration No. 707-3  
          Dithane A-40  
          EPA Registration No. 707-70  
          Your Submission Dated April 20, 1989

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy of the labels are enclosed for your records.

These products are suspended.

Sincerely yours,

Susan T. Lewis  
Acting Product Manager (21)  
Fungicide- Herbicide Branch  
Registration Division (H7505-C)

SEE PAMPHLET IN BOTTOM FLAP FOR USE DIRECTIONS

# DITHANE A 40

*This product is suspended*

## AGRICULTURAL FUNGICIDE

RECORDED  
with COMMENTS  
707-70

**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** consisting of a long-sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet; chemical-resistant gloves, shoes, socks and goggles or a face shield. During mixing and loading, a chemical-resistant apron must also be worn.

##### 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.

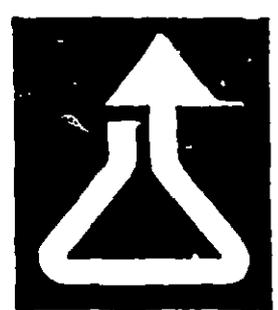
**IF IN EYES:** Flush eyes with large amounts of water for at least 15 minutes. Consult a physician if irritation persists.

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

##### 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 or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters or disposing of wastes.

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



**ROHM  
AND  
HAAS**  
PHILADELPHIA, PA 19105

#### ACTIVE INGREDIENT

Nabam (Disodium ethylene  
bisdithiocarbamate) . . . . . 93%

INERT INGREDIENT . . . . . 7%

100%

EPA Reg. No. 707-70  
EPA Est. No.

Superscript used is first letter of lot number

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**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, pests, 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. **SEE PAMPHLET IN BOTTOM FLAP FOR USE DIRECTIONS.**

**FOR COMMERCIAL NURSERIES ONLY  
RE-ENTRY AND WORKER PROTECTION STATEMENTS**

Do not enter treated areas without protective clothing until sprays have dried. After (sprays have dried/dusts have settled/vapors have dispersed, as applicable) do not enter or allow entry into treated areas until the 24-hour re-entry interval has expired unless wearing the personal protective equipment listed on the label. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

**SEE USE DIRECTIONS FOR ADDITIONAL RE-ENTRY STATEMENTS.**

**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.

**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 it 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 areas with a large amount of water to a chemical or sanitary sewer containing a settling pit.

2055-K20

Made in France by Rohm and Haas France, S.A.

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**DIRECTIONS FOR USE**

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

**RE-ENTRY AND WORKER PROTECTION STATEMENTS (APPLIES TO COMMERCIAL NURSERIES)**

Do not enter treated areas without protective clothing until sprays have dried. After sprays have dried/dusts have settled/vapors have dispersed, (as applicable) do not enter or allow entry into treated areas until the 24-hour re-entry interval has expired unless wearing the personal protective equipment listed on the label. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written warnings must include the following information:

**CAUTION**

(Insert area or field description) treated with DITHANE A-40 fungicide on (insert date of application). Do not enter treated areas without protective clothing until sprays have dried. After sprays have dried/dusts have settled/vapors have dispersed, (as applicable) do not enter or allow entry into treated areas until the 24-hour re-entry interval has expired unless wearing the personal protective equipment listed on the label. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to DITHANE A-40 and describe his condition. For further information see the "Statements of Practical Treatment."

Oral warnings must include the same information that is in the written warnings.

**WORKER SAFETY RULES** - Keep all unprotected persons, children, livestock and pets away from treated area or where there is danger of drift.

Do not rub eyes or mouth with hands (See "Statement of Practical Treatment").

**PERSONAL PROTECTIVE EQUIPMENT** - For Mixers, Loaders, Applicators and Early Re-entry Workers.

**HANDLE THIS PRODUCT ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT:** a long-sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands, and feet; chemical-resistant gloves; shoes, socks, and goggles or a face shield. During mixing and loading, a chemical-resistant apron must also be worn.

**DO NOT REPRODUCE COPY**

During application from a tractor with a completely enclosed cab with positive pressure filtration, or aerially with an enclosed cockpit, a long-sleeved shirt and long pants may be worn in place of the above protective clothing. Chemical-resistant gloves must be available in the cab or cockpit and worn while exiting.

**IMPORTANT!** Before removing gloves, wash them with soap and water. Always wash hands, face, and arms with soap and water before eating, smoking or drinking. Always wash hands and arms with soap and water before using the toilet.

After work take off all clothes and shoes. Shower using soap and water. Wear only clean clothes. Do not use contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with DITHANE must be destroyed according to state and local regulations.

**HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.**

During aerial application, human flaggers are prohibited unless in totally enclosed vehicles.

#### CHEMIGATION

Do not apply this product through any type of irrigation system.

#### GENERAL USE INFORMATION

DITHANE A-40 must be mixed with a metallic sulfate to form the proper fungicidal product for foliage spray use. Zinc sulfate is most commonly used to form zineb. See special circulars for details on preparation and use of DITHANE A-40 on particular crops.

- 1 DITHANE A-40 is compatible with most insecticides, fungicides, miticides and nutritional spray mixtures and may be used in combination when conditions warrant. DIRECTIONS GIVEN ON THIS LABEL ARE OF A GENERAL NATURE. BE SURE TO CONSULT STATE AGRICULTURAL EXPERIMENT STATION OR STATE EXTENSION SERVICE SPECIALISTS AND SPECIAL DITHANE CIRCULARS FOR DETAILS ON DOSAGE, TIMING, AND FREQUENCY OF SPRAYS. TO AVOID EXCESSIVE RESIDUES BE SURE TO FOLLOW THE TIMING RESTRICTIONS BETWEEN LAST APPLICATION AND HARVEST.

#### Mixing Directions

For each pound of DITHANE A-40, use one of the following:

- Zinc sulfate (36% zinc) - 3/4 lb.
- Zinc sulfate (22.8% zinc) - 1 1/4 lb.
- 1. Fill tank half to almost full with water.
- 2. Add required zinc sulfate and agitate to dissolve thoroughly.
- 3. Add required DITHANE A-40, agitate thoroughly.
- 4. Add required spreader or nutritional sprays last, if needed.

### Dosage Rate

Standard high volume or concentrate sprayers may be used. Use 1 to 1 1/2 lbs. DITHANE A-40 per 100 gallons of water in standard sprayers, or the equivalent in concentrate sprayers.

Apply 3/4 lb. DITHANE A-40 per acre on small plants, increasing to 1 to 1-1/2 lbs. as plants increase in size. Use 1 1/2 to 2 lbs. per acre under severe disease conditions.

### ORNAMENTALS

USE DITHANE A-40 PLUS ZINC SULFATE TO CONTROL THE DISEASES LISTED ON THE FOLLOWING CROPS.

Apply DITHANE A-40 sprays on a regular 7 to 10 day schedule or more often under severe disease conditions. Begin applications when disease is first present and continue as long as disease conditions prevail.

AZALEAS AND CAMELLIAS - Petal blight. Use 1/2 lb. DITHANE A-40 plus 6 oz. of zinc sulfate (36% zinc) per 100 gallons of spray. Spray 2 or 3 times a week while flowers are opening. Apply to flowers, soil and litter under the plants.

CARNATIONS, CHRYSANTHEMUMS, SNAPDRAGONS - Rust, leaf spot, anthracnose.

GLADIOLUS - Curvularia, Botrytis blight, Stemphylium.

NOTE: DITHANE A-40 contains ingredients which provide rapid wetting properties to the product and to the spray. On certain hard to wet crops the addition of 2 to 6 oz. of TRITON® B-1956® per 100 gallons of dilute spray may be desirable for optimum coverage of the plant surface.

### 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 of other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, 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.

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