



## U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460 EPA Registration. Number: Date of Issuance:

67760-111

9/30/2011

NOTICE OF PESTICIDE:

\_x\_Registration \_\_Reregistration (under FIFRA, as amended) Term of Issuance: Conditional

Name of Pesticide Product:

Cheminova Mancozeb Technical

Name and Address of Registrant (include ZIP Code):

Cheminova, Inc.

PO Box 110566

One Park Drive, Suite 150 N

Research Triangle Park, 27709

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3 (c) (7) (A) provided that you:

- 1. Submit/cite all data required for the registration/ reregistration of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
- 2. Make the following label changes:

Page 1 - Product registration number:

Change the EPA Registration Number to 67760-111

Page 3 - Company Address

Add the phrase "Manufactured for" above the company name.

Page 1 of 2

Signature of Approving Official:

Date:

9/30/2011

Mary L. Waller, Product Manager 21

Fungicide Branch

Registration Division (7504P)

EPA Form 8570-6

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- 3. Provide the following as conditions of registration:
- a) OPPTS number 830.6317 storage stability due January 1, 2013
- b) OPPTS number 830.6320 corrosion characteristics January 1, 2013
- 4. Submit one (1) copy of the revised final printed label before the product is released for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. If you have any questions, contact Lisa Jones of my team at (703) 308-9424 or jones.lisa@epa.gov.

Sincerely,
Mary L. Waller

Mary L. Waller Product Manager (21)

Fungicide Branch

Registration Division (7504P)

Enclosure:

Stamped copy of label

May 16, 2011 product chemistry review

Group

**M**3

**FUNGICIDE** 

ACCEPTED with COMMENTS In EPA Letter Dated:

4/30/2011

Under the Federal Insecticide, Fungicide, and Rodenticide Act. as amended, for the pesticide

registered under EFA Reg. No.

## Cheminova Mancozeb Technical **Fungicide**

## A Fungicide for Formulating Use

67760-111 Mancozeb: A coordination product of zinc ion and manganese ethylenebisdithiocarbamate.......87.2% ethylenebisdithiocarbamate ion (C<sub>4</sub>H<sub>6</sub>N<sub>2</sub>S<sub>4</sub>)......67.4% INERT INGREDIENTS: 12.8%

EPA Reg. No. 67760-

**ACTIVE INGREDIENTS:** 

EPA Est. No.

### KEEP OUT OF REACH OF CHILDREN WARNING

### **FIRST AID**

IF IN EYES: Hold eve open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses. if present, after the first 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

IF SWALLOWED: Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a class of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a Poison Control Center or doctor for further treatment advice.

Have the product container or label with you when calling a Poison Control Center or doctor, or when going for treatment. You may also contact 1-866-303-6950 for emergency medical treatment information.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if absorbed through skin. Avoid contact with skin. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Eliminations System (NPDES) permit and the permitting authority has been notified in writing prior to discharge, Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

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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.

Only for formulation into a fungicide for (1) the following uses: apples, crabapples, pears, quince, bananas (including plantain), cranberries, grapes, papayas, asparagus, corn (field corn, corn grown for seed, sweet corn for fresh use or processing; popcorn; sweet corn for seed production, including hybrid seed), cucumbers, edible gourds, melons (cantaloupes, casaba, crenshaw, honeydew, muskmelon, watermelon), onions (dry bulb and furrow drench), garlic, shallots, potatoes, potatoes (seedpiece treatment), squash (summer), tomatoes, leek, arugula, beets (garden and sugar beet), carrots, coriander, crucifiers (including broccoli, Brussels sprouts, cabbage, cauliflower, Chinese cabbage, Chinese mustard, collard, kale, kohlrabi, rutabaga, turnip, mustard, radish (except daikon), mustard spinach, dill, endive, lettuce, parsnip, parsley, spinach, Swiss chard, oats, cotton, flax, rice, safflower, sorghum, peanuts, rye, wheat, triticale, tobacco, capfrig, Christmas trees (conifer), Douglas fir, Grasses, Turf (other than residential turf and athletic fields), Ornamentals; (2) uses for which USEPA has accepted the required data that the formulator has submitted in support of registration; and (3) uses for experimental purposes that are in compliance with USEPA requirements.

This product may be used to formulate products for specific use(s) not listed on the manufacturing use product label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding support of such use(s).

Manufacturers of products formulated as wettable powders must prohibit application to turf on sod farms and to turf in general unless packaged in water soluble packaging on the end-use label.

Manufacturers of products formulated as dusts or wettable powders applied dry that have use directions for seed piece treatment must require, on the end-use product labels, use of a dust collection system in facilities treating cwt per week (2,500 tons/week) to prevent dusts from contacting handlers or other persons during seed piece treatment.

Manufacturers of products formulated as wettable powders applied wet that have use directions for seed treatment must require, on the end-use product labels, use of a dust collection system in mixing and loading wettable powder to prevent dusts from contacting handlers or other persons during mixing and loading.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Disposal Instructions:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility,

**Pesticide Storage Instructions:** Keep away from fire and sparks. Store in cool, dry, well-ventilated area. Do not allow stored product to become wet or overheated in storage; decomposition, impaired activity, or fire may result. Keep container closed when not in use. Decomposition produces a foul odor; if observed, check for hot containers and immediately remove to open areas to disposal.

### PRODUCT DISPOSAL:

The container cleaning/rinsing instructions for nonrefillable containers less than 5 gallons must read: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and 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.

The container cleaning/rinsing instructions for nonrefillable containers greater than 5 gallons must read:

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container ½ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local



thorities, by burning. If burned, stay out of smoke.		
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### WARRANTY DISCLAIMER

Cheminova warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, CHEMINOVA MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

### **INHERENT RISKS OF USE**

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Cheminova or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User. Buyer and User agree to hold Cheminova and the Seller harmless for any claims related to such factors.

### LIMITATION OF REMEDIES

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to one of the following, at Cheminova's election:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

To the extent consistent with applicable law, Cheminova shall not be liable for consequential, incidental, or special damages or losses in any matter.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Cheminova or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

Cheminova, Inc. P.O. Box 110566 One Park Drive, Suite 150 Research Triangle Park, NC 27709

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