

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AND TOXIC SUBSTANCES

JUL 15 2003

Jeffrey S. Hartman
Technical Service Manager,
Trace Chemicals LLC
2320 Lakecrest DR.
Pekin, IL 61554-6637

Dear Mr. Hartman:

Subject: TCI Mancozeb Ready-To-Use Seed Treatment
EPA Registration Number 42056-20
Your Submission Dated March 4, 2003

The amendment referred to above, submitted in connection with registration under section (3) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable provided that you make the following changes:

Ingredient Statement:

Line up the percentages of the mancozeb components (manganese, zinc and ethylenebisdithiocarbamate ion) so the decimal points fall along the same vertical line.

First Aid Statement:

Under "If Inhaled:" remove the period after "mouth-to-mouth".

Precautionary Statements:

Replace the existing text with "Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling."

Personal Protective Equipment:

Replace the existing text with "Applicators must wear coveralls over a long-sleeved shirt and long pants, shoes, socks and chemical-resistant gloves made out of any water proof material. Mixers and loaders must wear a chemical-resistant apron, goggles or a face shield, coveralls over a long-sleeved shirt and long pants, shoes, socks and chemical-resistant gloves made out of any water proof material."

Agricultural Use Requirements Box:

Replace "waterproof gloves" with "chemical-resistant gloves made out of any water proof material"

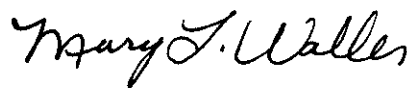
Storage and Disposal:

- Delete the heading "Prohibitions".
- Delete the sentences "Open dumping is prohibited" and "Do not reuse empty containers."
- Replace the subheading "Product Disposal" with "Pesticide Disposal".

You submitted your application with five copies of the proposed labeling, all five of which were highlighted with a yellow marker to indicate changes made since the most recent label was stamped on April 4, 1996. In the future, please highlight only one of the copies with the proposed changes. The remaining four copies must be "clean", containing only the revised labeling.

Submit one (1) copy of your final printed labeling before you release the product for shipment. A stamped copy of the label is enclosed for your records. If you have any questions, please contact Lisa Jones of my staff by phone at (703) 308-9424 or by e-mail at jones.lisa@epa.gov.

Sincerely,



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Enclosure: Stamped label

CONCURRENCES							
SYMBOL ▶	7505C						
SURNAME ▶	Lisa Jones						
DATE ▶	Jul 14, 2003						

T C I
Mancozeb Ready-to-Use Seed Treatment
for
Wheat, Oats, Barley and Rye

<u>Active Ingredient:</u>	<u>(% by Wt.)</u>
Mancozeb	
A coordination product of zinc ion and manganese ethylene bisdithiocarbamate	
	22.81%
In which the ingredients are:	
Manganese††	4.56%
Zinc††57%
Ethylene Bisdithiocarbamate ion (C ₄ H ₆ N ₂ S ₄)	17.68%
Inert Ingredients	77.19%
	Total 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. **IF IN EYES:** Hold eye open and rinse slowly and gently with water 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 15-20 minutes. Call a poison control center or doctor for treatment advice.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT: 22 POUNDS 15 OUNCES
NET CONTENTS: 2.5 GALLONS

EPA Reg. No. 42056-20

EPA Est. No. 42056-IL-1

ACCEPTED
with COMMENTS
In EPA Letter Dated:

JUL 15 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.

Manufactured by
TRACE CHEMICALS LLC
Pekin, Illinois 61554

42056-20

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170.

This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. "Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be contact with anything that has been treated."

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: Coveralls over long sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eye wear.

PRODUCT INFORMATION

TCI Mancozeb Ready-to-Use Seed Treatment is a formulation designed for the treatment of wheat, oats, barley and rye in the drill-box at planting time. It will control bunt of wheat and rye, covered smuts of oats and barley, and damping-off, seed rot and seedling blights on all labeled crops.

DIRECTIONS – TCI Mancozeb Ready-to-Use Seed Treatment is formulated for application as a pour-on drill-box application or in an on-farm seed treatment machine. This product does not require the addition of water for application.

RATE – Wheat , oats, barley, rye: Use 4 fluid ounces per bushel of seed.

Hopper or Drill-box application: Mix well before use. For best results fill planter box or drill only half full of seed, add one half the required amount of **TCI Mancozeb Ready-to-Use Seed Treatment** and mix thoroughly with stick or paddle. Add the remainder of the seed and product and mix again so that all seeds are covered. **DO NOT MIX WITH BARE HANDS.**

On-Farm Seed Treatment Machine Application: Add a measured amount of seed to the machine hopper. Apply TCI Mancozeb Ready-to-Use Seed Treatment by pouring on top of seed. Mix thoroughly until all seeds are uniformly covered.

USE RESTRICTION

Users should carefully read, understand and follow all use restrictions prior to using **TCI Mancozeb Ready-to-Use Seed Treatment**. Treated seed must not be used for or mixed with animal feed or processed for oil. Care must be exercised in the handling of treated seed. Treat only those seed needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CAUTION**

May cause irritation of nose, throat, eyes and skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Do not breathe dust or spray mist. Do not rub eyes or mouth with hands. See First Aid Statements.

Personal Protective Equipment

Applicator and other handlers must wear coveralls over long sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eye wear and a chemical resistant apron when cleaning equipment, mixing or loading.

Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should; Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to inter-tidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or disposing of wastes. Cover or incorporate spilled treated seed.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container.

STORAGE: Keep away from fire and sparks. Store in a cool, dry well-ventilated area. 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 disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning 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.

NOTICE-READ CAREFULLY
CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Trace Chemicals LLC no claims are made to guarantee germination of carry-over seed. As its sole express warranty, Trace Chemicals LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. **ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, TRACE CHEMICALS LLC SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, TRACE CHEMICALS LLC NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL.** Buyer assumes the responsibility to handle, use, store this product in accordance with the safety instructions and use directions contained on this label. Buyer/User purchases this product subject to the foregoing Conditions of Sale and Limited Warranty, which subject to applicable law, may be varied only by a written agreement signed by a duly authorized representative of Trace Chemicals LLC. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.