

Mr. Tim McArdle
Trace Chemicals, Inc.
P.O. Box 518
Pekin, IL 61555

OCT 11 1994

Dear Mr. McArdle:

Subject: Dithane Seed Treatment
EPA Reg. No. 42056-6
Mancozeb-Lindane Seed Treatment
EPA Reg. No. 42056-15
Mancozeb-Lindane Ready-to-Use Seed Treatment
EPA Reg. No. 42056-16
Your Submissions of August 17, 1994

The amendments referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), are acceptable provided that you:

1. Submit/cite all data required for registration or reregistration of your products under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.

2. Submit five (5) copies of your final printed labeling before you release the products for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the products bearing the amended labeling constitutes acceptance of these conditions.

Stamped copies of the labels are enclosed for your records.

Sincerely yours,



Leonard S. Cole, Jr.
Acting Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

7505C:C.Grable:cg:10/11/94

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Front Panel

TCI
TRACE CHEMICALS, INC.

Mancozeb-Lindane
Ready-to-Use
Seed Treatment
for
Wheat, Oats, Barley, and Rye

ACCEPTED
in EPA Letter Dated
OCT 11 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
72056-16

Active Ingredients: (% by weight)

Mancozeb
A coordination product of zinc ion and manganese ethylene
bisdithiocarbamate.....20.00%

In which the ingredients are:

Manganese++.....4.00%
Zinc+++.....0.50%
Ethylene Bisdithiocarbamate ion
(C₄H₆N₂S₄).....15.50%
Lindane (Gamma Isomer of Benzene Hexachloride).....6.50%

Inert Ingredients.....73.50%
Total 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled: Remove victim 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. Get medical attention.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 42056-16
EPA EST. 42506-IL-1

Net Contents: 2.5 gallons
Net Weight: 22 lbs. 1 oz.

Manufactured by:
TRACE CHEMICALS, INC.
Pekin, Illinois 61555-0518

2-10-94

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (& DOMESTIC ANIMALS)

CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Do not breathe dust or spray mist. Do not rub eyes or mouth with hands.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers (other than mixers and loaders) must wear: coveralls over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

Mixers and Loaders must wear: coveralls over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, chemical resistant apron, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

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. Then wash thoroughly and put on clean clothing.

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 product is toxic to fish, birds and other wildlife. Do not apply directly to water or 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. Exposed treated seeds may be hazardous to birds and other wildlife. Cover or incorporate spilled treated seed. Dispose of all excess treated seeds by burial away from bodies of water.

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Left Side Panel Continued

STORAGE AND DISPOSAL

Storage: Store in a cool dry place. Do not allow product to become wet or overheated.

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

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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.

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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.

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 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 in 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 12 hours. "Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstance, allows workers to enter the treated area if there will be no 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.

PRODUCT INFORMATION

TCI Mancozeb-Lindane Ready-to-Use Seed Treatment is formulated to protect seeds against stinking smut (bunt) of wheat, oat smuts, covered and false loose smuts of barley, seed decay and damp-off. Also protects seeds and seedling from wireworm damage.

TCI Mancozeb-Lindane Seed Treatment is a ready-to use formulation. Apply as a pour-on hopper box application or in an on-farm seed treatment machine. This product does not require the addition of water for application.

Rates:

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-Lindane Seed Treatment and mix thoroughly with a 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.

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On-Farm Seed Treatment Machine Application: TCI Mancozeb-Lindane does not require the addition of water for application. Calibrate the seed treater pump and auger speed so that all seeds are uniformly covered at the proper application rate.

USE RESTRICTION

Users should carefully read, understand and follow all use restrictions prior to using Mancozeb-Lindane 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.

CONDITIONS OF SALE

TRACE CHEMICALS, INC. warrants that this material conforms to its label description and is reasonably fit for use if used strictly in accordance with label directions. But neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied extends to the use of this product, contrary to label instructions. Since other factors such as, but not limited to, planter malfunctions, herbicide injury, fertilizer injury, floods and drought can affect seed germination and emergence, even when this material is used according to label directions, Buyer assumes all risks incident thereto. Trace's and Seller's liability shall be limited to return of the purchase price.

TRACE CHEMICALS, INC.
Pekin, Illinois 61555-0518