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12/74

AUG 19 1994

Mr. Tim McArdle
Trace Chemicals Inc.
P.O. Box 518
Pekin, IL 61555-0518

Dear Mr. McArdle:

Subject: Amendment - Reduction of REI as allowed by WPS
Kernel Guard
EPA Registration No. 42056-11
TCI Captan-Lindane Seed Treatment
EPA Registration No. 42506-14
Your Letters Dated April 23, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. Our review of the subject products use pattern indicates that a 96 hour REI nor 48 hour REI is justified. Therefore the appropriate REI for these products is 12 hours. Please modify the labeling to reflect the 12 hour REI.

Submit five copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Your Confidential Statement of Formula (CSF) for EPA Reg. No. 42056-11 does not list the impurities of toxicological concern separately nor does it include the diazinon certification for FIFRA Sec. 12(a)(1)(C), that the description of this product refers to the composition set forth on the CSF and supporting materials as required by the Diazinon Registration Standard. Please check with Ciba Geigy, your supplier in this regard and update your CSF accordingly.

Sincerely yours,

George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

CGA

ACCEPTED
with COMMENTS
in EPA Letter Dated

T C I

Planter Box Seed Treatment

KERNEL-GUARD

Diazinon - Lindane - Captan

MIC 19 1001
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

42052-11

For the protection of seeds and seedlings of Field Corn, Sweet corn,
Peas and Beans against damping off, seed decay, seedling blights; also
against seed corn Beetle, seed corn Maggots and Wireworms.

Active Ingredients	By Wt.
*Captan.....	14.67%
Related Derivatives.....	1.35%
**Diazinon.....	15.00%
***Lindane.....	25.00%

Inert Ingredients.....	45.00%
Total.....	100.00%

- *N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide
- **O,O Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate
- ***Gamma isomer of benzene hexachloride

THIS PRODUCT CONTAINS THE TOXIC INERT INGREDIENT RHODAMINE B.

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT
ORGANOPHOSPHATE

If in eyes: Flush with plenty of water. Call a physician.
If swallowed: Drink promptly a large quantity of milk, egg whites
gelatin solutions, or if these are not available, drink large
quantities of water. Avoid alcohol.
If inhaled: Remove victim to fresh air. If not breathing, give
artificial respiration, preferably mouth-to-mouth. Get medical
attention.

See Back Panel for Additional Precautions

EPA Reg. No. 42052-11

EPA Est. No. 1-100-11

Manufactured by
TRACHE CHEMICAL CO., INC.
P.O. Box 1111, St. Louis, Mo. 63101

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)
DANGER

Treat seed in a well-ventilated area. Causes irreversible eye damage. May be fatal if swallowed or absorbed through skin. Harmful if inhaled. May cause allergic skin reactions. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing dust. Avoid contamination of feed and foodstuffs. Do not use treated seeds for food, feed or oil purposes.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear; long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, chemical-resistant apron when cleaning equipment, mixing or loading. Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturers'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 pesticide product is toxic to fish, birds and other wildlife. Do not contaminate water by cleaning of equipment or disposal wastes. Exposed treated seed may be hazardous to birds and other wildlife. Birds feeding on treated seeds may be killed. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

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 pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place. Protect from excessive heat. Do not store or transport near food or feed. For help with any spill, leak, fire or exposure involving this material, call Chemtrec 300-424-9300.

PESTICIDE DISPOSAL - This product is acutely hazardous. Improper disposal of empty pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use of the label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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

DIRECTION 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 48 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 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, waterproof gloves, shoes plus socks, protective eyewear.

RATES: Field Corn, Sweet Corn, Peas, Beans: Use at a rate of one pouch per 50 pounds of seed (2 ounces per bushel) as a dry mixture in the planter box as a seed treatment prior to planting.

MIXING INSTRUCTIONS: For best results, fill planter box only half full of seed, add half the required amount of KERNEL-GUARD and mix thoroughly with a stick or paddle. Add the remainder of the seed and KERNEL-GUARD and mix again so that all seeds are covered. DO NOT MIX WITH BARE HANDS.

PRODUCT INFORMATION

KERNEL GUARD may be used on seed previously treated with a full dosage of protective fungicide, to give added protection against seedling blight, damping off, or seed decay.

NOTE: Adjust the seed drill or planter to give the required rate of seed delivery with treated seed. Regularly inspect planter plates and clean as required. At the end of each day, clean out the electrical eye assembly as directed by the manufacturer.

NOTE: This product is not recommended for use on hybrid lines.

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IMPORTANT: Treated seed must not be used for or mixed with food or animal feed or processed for oil. 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 the 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