

42056-21

7/29/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JUL 29 2003

Jeffrey S. Hartman
Trace Chemicals LLC
2320 Lakecrest Drive
Pekin, Illinois 61554

Subject: Amendment - Updating First Aid Statement per PR Notice 2001-1,
Kernel Guard Supreme
EPA Reg. No. 42056-21
Your Submission Dated March 3, 2003

Dear Mr. Hartman:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

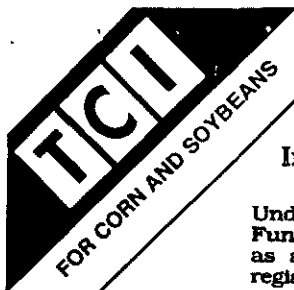
1. Revise front of the label-- replace "Inert Ingredients" with the phrase "Other Ingredients".
2. Replace "Wash thoroughly after handling." with "Wash thoroughly with soap and water after handling." in the Precautionary Statements.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Sincerely,

A handwritten signature in black ink, appearing to read "G. LaRocca".

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



ACCEPTED
with COMMENTS
In EPA Letter Dated
JUL 29 2003

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

42056-21

KERNEL GUARD



Supreme

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VITAVAX® - PERMETHRIN

For the protection of Seeds and Seedlings of Field Corn, Sweet Corn, Popcorn and Soybeans against Damping-Off, Seed Decay, Seedling Blight; also against Seed Corn Beetle, Seed Corn Maggots and Wireworms.

Active Ingredients:

| | By Wt. |
|--|--------|
| *Permethrin (cis/trans ratio: Max. 55% (±)cis and Min. 45%(±) trans) | 10.42% |
| Carboxin (5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathin-3-carboxamide) | 14.00% |

Inert Ingredients

| | |
|-------|---------|
| Total | 75.58% |
| | 100.00% |

*(3-Phenoxyphenyl)methyl(±)cis-trans 3-(2,2-dichloroethyl)-2,2-dimethylcyclopropanecarboxylate

Vitavax is a Reg.™ of Uniroyal Chemical Company, Inc.

Kernel Guard is a Reg.™ of Trace Chemicals LLC.

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. **PERSONAL PROTECTIVE EQUIPMENT:** Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC -21C), or a NIOSH approved respirator with any R, P or HE filter. 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.

FIRST AID

Have product container or label with you when calling a poison control center or doctor or going for treatment.

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 IN EYES:** Hold eye 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 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. 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 by cleaning of equipment or disposal of equipment washwaters. Run-off may be hazardous to aquatic organisms in neighboring areas. Exposed treated seed may be hazardous to birds and other wildlife. Collect or incorporate seed that are spilled during loading or are visible on soil surface in turn areas. Dispose of all treated seed by burial away from bodies of water.

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

EPA REG. NO. 42056-21
EPA EST. NO. 42056-IL-1

Net Wt. 1.5 oz.
Net Wt. 4 lbs. (1.82 kg)

Manufactured by: TRACE CHEMICALS LLC Pekin, Illinois 61554

PRODUCT INFORMATION

KERNEL GUARD SUPREME may be used on seed previously treated with a full dosage of protective fungicide, to give added protection against seedling blight, damp-off or seed decay. This product exhibits only protectant activity and offers no systemic control of insects. Activity is by the contact and ingestions routes generally associated with pyrethroids. **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 electric eye monitors as directed by the manufacturer.

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.

RATES: Field Corn, Sweet Corn, Popcorn: (1.5 oz. canister) Use at a rate of one canister per 42 lbs. of seed. (4 lb. Pail) (Measuring Scoop Enclosed) Use two scoops full (1.5 ounces) per 42 lbs. of seed. **Soybeans:** (1.5 oz. canister) Use one canister (1.5 ounces) per 50 lbs. of seed. (4 lb. Pail) Use two scoops full (1.5 ounces) per 50 lbs. of seed. **MIXING INSTRUCTIONS:** (1.5 oz. canister) Apply **Kernel Guard Supreme** to seed at planting time with the canister applicator tube system. For best results, fill the planter box with seed, add **Kernel Guard Supreme** through applicator tube and mix so that all seeds are covered. (4 lb. Pail) For best results, fill planter box only half full of seed, add half the required amount of **Kernel Guard Supreme**, and mix thoroughly with a stick or paddle. Add the remainder of the seed and **Kernel Guard Supreme**, and mix again so that all seed are covered. **DO NOT MIX WITH BARE HANDS.** Use only at the recommended rate. Lower amounts may not give desired control. Excessive amounts may cause seed injury.

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 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 seed is treated with the product and the treated seed 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, and shoes plus socks.

USE RESTRICTIONS

USE RESTRICTIONS: 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 seed beyond planting time. **ROTATIONAL CROPS:** Treated areas may be replanted with any crop specified on the **Kernel Guard Supreme** label. For crops not listed on the label or for crops for which no tolerance for the active ingredients have been established, a 60 day plant-back interval should be observed. Do not graze or feed livestock on treated areas for six weeks after planting.

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 and store this product in accordance with the safety instructions and use directions contained on the 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.