



42056-16

04/29/2003

360/5634200
18

1/3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

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

APR 29 2003

Dear Mr. Hartman:

Subject: Amendment - Update First Aid per PR Notice 2001-1
Grain Guard Plus-L
EPA Registration Number 42056-16
Your submission dated March 4, 2003

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable and a stamped copy is enclosed for your records.

When preparing the finished label, please incorporate the following revision:

- 1) In the Personal Protective Equipment section for applicators and other handlers (other than mixers and loaders), add "protective eyewear," after "shoes plus socks,". Please submit 5 copies of revised labeling as soon as it becomes available. Thank you for your prompt cooperation in this matter.

Sincerely,

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

GRAIN GUARD™ PLUS-L



ACCEPTED
with COMMENTS
In EPA Letter Dated:

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

APR 29 2003

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

Active Ingredients:

Mancozeb

42056-16

By Wt.

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 (C ₄ H ₆ N ₂ S ₄)	15.50%
Lindane (Gamma Isomer of Benzene Hexachloride)	6.50%
Other Ingredients	73.50%
Total	100.00%

GRAIN GUARD is a Reg. TM of Trace Chemicals LLC.

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter. 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), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter. 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.

FIRST AID

Have product container or label with you when calling a poison control 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 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 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 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.

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.

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

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

Manufactured by: TRACE CHEMICALS LLC
Pekin, Illinois 61554

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.

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 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 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 over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks.

PRODUCT INFORMATION

TCI Grain Guard Plus-L 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 Grain Guard Plus-L 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 Grain Guard Plus-L 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.** On-Farm Seed Treatment Machine Application: **TCI Grain Guard Plus-L** 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 **Grain Guard Plus-L 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.

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.