

Trace Seed
Protection Products

Grain Guard®

**Drill Box Seed Treatment
for Wheat, Oats, Barley, Rye, Sorghum, Safflower and Rice**

Active Ingredient (% by weight)

Mancozeb-A coordination product of zinc ion and manganese ethylene bisdithiocarbamate .. 50.00%
in which the ingredients are:

Manganese 10.00%
Zinc 1.25%
Ethylene Bisdithiocarbamate ion (C₄H₆N₂S₄) 38.75%

Other Ingredients 50.00%
Total 100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

- | | |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IF INHALED: | <ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.• Call a poison control center or doctor for further treatment advice. |
| IF IN EYES: | <ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 -20 minutes.• Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice. |
| IF SWALLOWED: | <ul style="list-style-type: none">• 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 ON SKIN
OR CLOTHING: | <ul style="list-style-type: none">• 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. |

EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

EMERGENCY PHONE	800-292-5898
SAFETY DATA AND INFORMATION	866-430-2775
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300

Net Contents:

EPA REG. NO. 400-558
EPA EST. NO.
001/052107

Manufactured for:
Chemtura Corporation
199 Benson Road
Middlebury, CT 06749



www.tracechemicals.com
www.chemtura.com

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

May cause irritation of nose, throat, eyes and skin. Do not breathe dust. Do not rub eyes or mouth with hands. Keep all unprotected persons, children, livestock and pets away from treated area.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other handlers must wear: coveralls over long-sleeved shirt and long pants, chemical resistant gloves made of any waterproof material, shoes plus socks, protective eyewear, 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. 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. 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. Cover or incorporate soiled treated seed.

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, chemical resistant gloves made of any waterproof material, shoes plus socks, protective eyewear.

PRODUCT INFORMATION

Grain Guard is a formulation designed for the treatment of wheat, oats, barley, rye, sorghum, safflower and rice in the drill-box at planting time. It will control bunt of wheat and rye, covered smuts of oats and barley, covered kernel smut of sorghum, seed-borne rust of safflower, and damping-off, seed rot and seedling blights on all labeled crops.

RATES

Measuring scoop enclosed. One level scoop equals 1 ounce.

Wheat, oats, barley, rye: Use 2 ounces per bushel of seed.

Sorghum and Safflower: Use 3 ounces per 100 pounds of seed.

Rice: Use 4 ounces per 100 pounds of seed.

Apply as a drill-box treatment, mixing thoroughly so that all seeds are covered. For best results, the following procedure is suggested:

Fill drill-box only half-full of seed, add half the amount of Grain Guard and mix thoroughly with a stick or paddle; then add remainder of seed and product to drill-box, again mixing thoroughly.

USE RESTRICTION

Users should carefully read, understand and follow all use restrictions prior to using Grain Guard. 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.

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. **PESTICIDE STORAGE:** Keep away from fire and sparks. Store in a cool, dry, well-ventilated area. Do not allow to become wet or overheated in storage: decomposition, impaired activity, or fire may result. 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 waste 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.

IMPORTANT NOTICE

Chemtura warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label only when used in accordance with the directions, instructions and restrictions specified on the label. Chemtura neither makes, nor authorizes any agent or representative to make any other warranty, including any other warranty of FITNESS or MERCHANTABILITY, guarantee or representation, express or implied, concerning this product. To the extent consistent with applicable law, Chemtura shall not be liable for special, indirect or consequential damages. SEED TREATMENT WARRANTY STATEMENT - Treatment of highly mechanically damaged seed, or seed known to be of low vigor and poor quality, except for the purpose of curative control of existing disease pests, may result in reduced germination and/or reduction of seed and seedling vigor. Since this product is designed for treating just prior to planting, Chemtura makes no claims or guarantees as to germination of carry over seed.

GRAIN GUARD® is a registered trademark of Chemtura Corporation