

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Mr. J. Allen Dunlap III
Platte Chemical Co.
419 18th Street
P.O. Box 667
Greeley, CO 80632

Dear Mr. Dunlap:

Subject: Amendment - Label Revisios and Confidential Statements of
Formulas
Captan Seed Treater with Lindane
EPA Registration No. 34704-653 ✓
Lindane 25 Planter Box Seed Treater
EPA Registration No. 34704-658
Your Letters Dated January 24, 1991 and January 29, 1991

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. For both products under the Environmental Hazards statement, please revise the sentence "Do not apply directly to water or wetlands..." with the following statement "Do not apply directly to water."

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.

CONCURRENCES

SYMBOL	SURNAME	DATE					
	LSA	7/30/91					

The revised Confidential Statement of Formula (CSF) referred to above, submitted in connection with registration under Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A copy has been inserted in your file for the subject product.

Sincerely yours,

George T. LaRocca
Product Manager 1L
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure



CAPTAN SEED TREATER WITH LINDANE

AGRICULTURAL FUNGICIDE - INSECTICIDE

(Fungicide - Insecticide with Non-oil Lubricant)

ACTIVE INGREDIENTS	By Wt.
Lindane (Gamma isomer of Benzene Hexachloride).....	25.00%
*Captan	12.22%
Related Derivatives	0.28%
INERT INGREDIENTS	62.50%
TOTAL	100.00%

*N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide

KEEP OUT OF REACH OF CHILDREN DANGER

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of fresh water for 15 minutes. Call a physician.

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA REG. NO. 34704-653

EPA EST. NO. _____

NET WEIGHT _____ POUNDS

281 17 01Y91

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Remove and separately launder clothing before reuse.

Wash hands, arms and face thoroughly with soap and water after handling and before eating, drinking, using tobacco products or applying cosmetics. Routinely shower or bathe after working and separately launder work clothes with soap and hot water before reusing. Do not contaminate food and feedstuffs. This product must be applied in a well ventilated area.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds, and other wildlife. Do not apply directly to water or wetlands, lakes, streams, ponds, estuaries or public waters. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water when disposing of equipment washings.

Exposed treated seed may be hazardous to birds and other wildlife. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil away from bodies of water.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

USE PRECAUTION STATEMENTS

Wear goggles or face shield when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and separately launder clothing before reuse.

Mixers/loaders when mixing and loading this product must wear a long sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet. Wear chemical resistant gloves, goggles or a face shield and a chemically resistant apron.

AFTER WORK: Take off all clothes and shoes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with captan must be destroyed according to state and local regulations. A dust mask must be worn when mixing and loading this product.

IMPORTANT: Treated seed must not be used for human consumption nor as animal feed. Bags containing treated seed should be labeled

TREATED SEED

DO NOT USE FOR FEED, FOOD, OR OIL PURPOSES

STORAGE AND DISPOSAL

Do not contaminate water, feed, or food by storage or disposal. Open dumping is prohibited.

STORAGE: Protect from excessive heat. Store in a cool temperature below 85°F (29°C), dry, well ventilated area away from flammable materials and sources of heat or flame. Store away from foodstuffs or animal feed in an area designated for pesticides. Exercise due caution to prevent damage to or leakage from the container. Store in original container only. Keep container tightly closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, 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: Paper and plastic bags: 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. **Plastic:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **Fiber Drums with liners:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

PRODUCT INFORMATION

CAPTAN SEED TREATER WITH LINDANE is a dust free agricultural insecticide and fungicide especially formulated for seed treatment at planting time. This product is formulated to help lubricate the planter box and assure smooth, even seed flow to the furrow. **CAPTAN SEED TREATER WITH LINDANE** is formulated for use in the treatment of seeds for protection against wireworms, seed-borne fungi, and certain other soil-borne insects as well as protection from seedling blight at planting time. Where seedling blight, damping-off, or other diseases normally occurs, combine this product with a full dosage of protective fungicide, such as **CAPTAN 25 PLANTER BOX SEED TREATER FOR IMPROVED MIXING OF PRODUCT WITH SEED**. For **DRY TREATMENT**, mix product with the seed in any commercial or barrel treater.

BEST AVAILABLE COPY

CAPTAN SEED TREATER WITH LINDANE

EPA REG. NO. 34704-853

until thoroughly coated. For **PLANTER BOX** method, fill the box only half full of seed and half the required amount of product and mix thoroughly with a stick. Then add the remainder of the seed to the box and add the rest of the required amount of product to the seed, again mixing thoroughly.

SEED TREATMENT DOSAGE RATES

Type of Seed	Oz. Per 100 Lbs.
Alfalfa, Clover	2 oz.
Barley	4 oz.
Beans (use with protective fungicide)	
Bush, Snap and all others except	
Lima	2 oz.
Baby Bush Limas	2 oz.
Standard and Fordhook Large	
Limas	1 oz.
Cabbage, Cauliflower, Broccoli, Brussel	
Sprouts, Radish	2 oz.
Carrots, Onions	4 oz.
Corn	8 oz.
Cotton	8 oz.
Cucumber, Cantaloupe, Watermelon,	
Squash, Pumpkin	4 oz.
Flax	2 oz.
Milo, Okra	4 oz.
Oats	2 oz.
Peas	4 oz.
Rye	2 oz.
Safflower	2 oz.
Soybeans	2 oz.
Spinach, Sunflower	4 oz.
Sudar Grass	2 oz.
Sugar Beets	16 oz.
Wheat	2 oz.

SEED TREATMENT: DO NOT USE TREATED SEED FOR FOOD, FEED OR OIL PURPOSES.

Treated seed should be labelled in accord with all the applicable requirements of the Federal Seed Act. The Federal Seed Act requires that seed treated with a pesticide must contain a dye which imparts an unnatural color to the seed if the seed is intended to be moved in interstate commerce. Labels attached to treated seed must state, "Treated seed must not be used for food, feed or oil purposes," and "Exposed treated seed may be hazardous to birds and other wildlife. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil away from bodies of water."

Only seed of high germination with good vigor should be treated with this product. Poor seed may suffer greater injury. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Store treated seed in a dry place until planted so that excess moisture will evaporate. If seed is stacked when wet, heat may develop which could impair germination.

STORE ALL TREATED SEED IN A COOL DRY PLACE.

NOTICE

Platte warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of the product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Platte. In no case shall Platte be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Platte makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

FORMULATED FOR
PLATTE CHEMICAL CO.
150 SO. MAIN STREET
FREMONT, NEBRASKA 68025

APPROVED
REGISTRATION
in EPA Letter Dated:

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under Act No. 34704-853

34704-6