

PM13

7501-38

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR 18 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

DENNIS L. MCFADDEN
GUSTAFSON, INC.
BOX 660065
DALLAS, TEXAS 75266

Subject: Label Amendment Submission of 9/1/93 Response to PR Notice 93-7
EPA Reg. No. 7501-38
GUSTAFSON CAPTAN LINDANE 12.5-25

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- **BEFORE** selling or distributing any product bearing the final printed labeling
- AND**
- **WITHIN** one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

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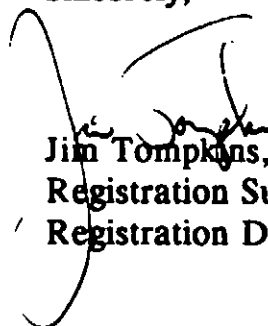
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Dennis L. McFadden
GUSTAFSON, INC.
BOX 660065
DALLAS TX 75266

Comment for: EPA Reg Nr.7501-38
GUSTAFSON CAPTAN LINDANE 12.5-25

The following specific comments pertain to your WPS
labeling submission concerning the product
cited above:

Add the following User Safety Recommendation to the label
in the location shown in Section A on Part 1 of the Product
Worksheet in Supplement Three-A to PR Notice 93-7: "Remove
clothing immediately if pesticide gets inside. Then wash
thoroughly and put on clean clothing."

Delete the crossed-out statements on your proposed label.
They are redundant statements or phrases.

Correct the typographical errors circled on your proposed
label.

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GUSTAFSON CAPTAN LINDANE 12.5-25 SEED PROTECTANT

Only for sale to, use and storage by agricultural or commercial applicator personnel.

ACTIVE INGREDIENTS:	BY WT.
*Captan	11.97%
Related Derivatives	0.27%
**Lindane	25.00%
INERT INGREDIENTS	62.76%
TOTAL	100.00%

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

** Gamma Isomer of Benzene Hexachloride

This product contains the toxic inert ingredient Rhodamine B.

**KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO
STATEMENT OF PRACTICAL TREATMENT**

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. If on skin: Wash with plenty of soap and water. Get medical attention if abnormal reaction occurs.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT

EPA Reg. No. 7501-38

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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.)

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes.

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 18 1994

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

7501-38

PERSONAL PROTECTIVE EQUIPMENT

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

Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USERS SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. For terrestrial uses, 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 wastes. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

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 feed or food.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. 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

Completely empty liner into application equipment. Then dispose of empty liner and container 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 48 days.

Exception: For the last 48 hours of the REI, workers may enter the treated area to perform hand labor or other tasks involving contact with anything that has been treated, such as plants, soil or water, without time limit, if they wear the early-entry personal protective equipment listed below.

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 and protective eyewear.

DIRECTIONS FOR USE

Gustafson Captan Lindane 12.5-25 Seed Protectant is a dust based agricultural insecticide and fungicide especially formulated to help lubricate the planter box and assure smooth, even seed flow to the furrow. Gustafson Captan Lindane 12.5-25 Seed Protectant is formulated for use in the treatment of seeds for protection against wireworms, seed corn maggots and certain other soil-borne insects, as well as providing fungicidal protection at planting time. Where Seedlings Blight, Damping-Off or seed decay is severe, supplement this product with an EPA approved systemic protectant fungicide such as Vitavax® 200 Flowable Fungicide.

SEED TREATMENT DOSAGE RATES

TYPE OF SEED	OUNCES PER 100 POUNDS
Alfalfa, Clover	2 oz.
Barley	4 oz.
Beans (use with a protective fungicide)	
Bush, Snap and all others except Limas	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.
Grass (safflower, rye, sudan)	2 oz.
Milo, sorghum, okra	4 oz.
Peas	2 oz.
Oats	4 oz.
Soybeans	2 oz.
Spinach, Sunflower	4 oz.
Sugar Beets	16 oz.
Wheat	2 oz.

If soil temperature is extremely high (hot weather, midsummer planting or other reasons) reduce recommended dosage by one-half. Avoid lengthy storage of treated seed to prevent loss of Lindane.

Apply as a drill box treatment, mixing thoroughly with the seed before planting. For best results, the following procedure is suggested. Fill drill box only half full of seed, add half the required amount of Gustafson Captan Lindane 12.5-25 Seed Protectant and mix thoroughly with a stick. Then add remainder of seed to drill box and add the rest of the required amount of product to the seed, again mixing thoroughly.

Good results are also obtained by premixing seed with the product in a suitable container then pouring treated seed into drill box.

USE PRECAUTION

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

~~A dust mask must be worn when mixing and loading this product. 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.~~

BEST AVAILABLE COPY

WARRANTY STATEMENT

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, except for the purposes of curative control of existing disease or insect pests, 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 Gustafson, Inc., no claims are made to guarantee germination of carry-over seed.

As its sole express warranty, Gustafson, Inc. 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, GUSTAFSON, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON INC. 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 Gustafson, inc. If these terms are not acceptable, return all products to the place of purchase, unopened, for a full refund.