

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



OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Oct 17, 2000

Dennis McFadden
Gustafson LLC
P.O. 660065
Dallas, TX 75266-0065

Subject: Lorsban 30, Amendment to Comply with the Chlorpyrifos MOA
EPA Reg No.: 7501-31
Submission Dated: 8/28/00

Dear Mr. McFadden:


The revised product labeling referred to above, submitted in connection with the registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable, provided you incorporate the Agency's conditions as enumerated in this letter below and submit one copy of your final printed label prior to releasing the product for shipment.

1. Change "Statement of Practical Treatment" to "First Aid".

The Agency is not required to publish a use deletion FR Notice for this product amendment. **The Agency notes that the product will now be marketed in 15 gallon containers.**

The conditions of paragraph 5 of the June 2000 Memorandum of Agreement apply to this label amendment, specifically this amended label is effective December 1, 2000. Failure to comply with any of the conditions of registration set forth in Paragraph 10 of the MOA shall be grounds for cancellation of the affected registration(s) under FIFRA section 6(e). If the conditions enumerated above are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e). A stamped copy of the label is enclosed for your files. If you have questions, please contact me at (703) 308-6742 or electronically at McNeilly.Dennis@EPA.gov.

Sincerely,



Dennis McNeilly, Chemist
Insecticide-Rodenticide Branch
Registration Division (7505C)

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ACCEPTED
with COMMENTS
In EPA Letter Dated:

OCT 17 2000
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
7501-31

Gustafson LORSBAN® 30

Flowable

For Use Only By Commercial Seed Treaters

ACTIVE INGREDIENT:

Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl)phosphorothioate) 30.0%

INERT INGREDIENTS: 70.0%

Total 100.0%

Contains Xylene range aromatic solvents.

adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water when disposing of equipment washwaters.

AVISO:

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**
SEE ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 7501-31 EPA Est.
NET CONTENTS: 15 gallons

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Not for use on agricultural establishments in hopper-box, planter-box, slurry-box, or other seed treatment applications at or immediately before planting.

Mix thoroughly before use or use entire container at one time. Gustafson LORSBAN® 30 Flowable may be tank mixed with Gustafson VITAVAX®-34 Seed Treatment, Gustafson Captan 30-DD or Gustafson Captan-300, Gustafson Thiram 30 Fungicide or Gustafson 42-S Thiram Fungicide at the respective labeled rates. All other tank mixes should be pre-tested to determine physical compatibility between formulations. Observe all cautions and limitations on labeling of all products used in mixtures.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center. Drink one or two glasses of water. Do not induce vomiting. Do not give anything by mouth to an unconscious person.

If On Skin: Wash with plenty of soap and water. Get medical attention.

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

If In Eyes: Flush with plenty of water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to birds and wildlife and extremely toxic to fish and aquatic organisms. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in

(Continued next column)

STORAGE AND DISPOSAL

STORAGE: Store in a cool place. Do not store in direct sunlight. Protect from freezing temperatures.

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal, or by cleaning of equipment. Do not reuse empty container. Open dumping is prohibited.

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 incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

This product is to be used in liquid or slurry treaters.



Federal regulations have established official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at recommended rates.

Treated seed must not be used for or mixed with food or animal feed or processed for oil. Seed commercially treated with Gustafson LORSBAN 30 Flowable must be labeled in accordance with all applicable requirements of the Federal Seed Act.

For Protection Against Soil Insects: Gustafson LORSBAN 30 Flowable may be applied to the following seed: **Field beans, Green beans, Kidney beans, Lima beans, Navy beans, Snap beans, String beans, Wax beans, Sweet corn, Cucumbers, Black-eyed peas, Field peas, Garden peas, and Pumpkins.** Gustafson LORSBAN 30 Flowable will protect germinating seeds and seedlings against injury by seed corn maggots and seed corn beetles. Apply 2.75 fl. oz. per 100 lbs. of seed prior to planting as a slurry treatment so as to ensure thorough coverage.

Cotton (Delinted Seed Only): To protect germinating seeds and seedlings against injury by seed corn maggots, apply 5.5 fl. oz. per 100 lbs. of seed prior to planting as a slurry treatment so as to ensure thorough coverage.

For protection of seed from insects during storage: Gustafson LORSBAN 30 Flowable may be applied to the following seed: **Field beans, Green beans, Kidney beans, Lima beans, Navy beans, Snap beans, String beans, Wax beans, Field corn, Sweet corn, Sorghum, Wheat, Cotton, Cucumbers, Black-eyed peas, Field peas, Garden peas, and Pumpkins.** The application of 12 to 24 ppm of Gustafson LORSBAN 30 Flowable will protect seed from the following insects: **Granary weevil, Rice weevil, Red flour beetle, Confused flour beetle, saw-toothed grain beetle, Indian-meal moth, Angoumois grain moth, and suppression of Lesser grain borer.** The 24 ppm rate will provide a longer period of protection.

Application Rate per 100 lbs. of Seed

12 ppm

24 ppm

0.056 fl. oz. (1.68 ml)

0.114 fl. oz. (3.36 ml)

NOTE: The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21CFR, Part 2.25. Any dye added to treated seed must be cleared for use under 40 CFR, Part 180.1001.

Labels for commercially treated seed should include the following addition to the Environmental Hazards statements:

Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water.

**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 Gustafson LLC no claims are made to guarantee germination of carry-over seed.

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

**IN CASE OF AN EMERGENCY ENDANGERING
LIFE OR PROPERTY INVOLVING THIS PRODUCT,
CALL (800) 424-9300**

AGRICULTURAL CHEMICAL

Do Not Ship or Store with Foods, Feeds, Drugs or Clothing

A quality product manufactured for:
Gustafson LLC
1400 Preston Road, Suite 400
Plano, Texas 75093
Questions?(972) 985-8877

Gustafson (logo) is a Reg. TM of Gustafson LLC

LORSBAN is a Reg. TM of Dow AgroSciences
VITAVAX is a Reg. TM of Uniroyal Chemical Company, Inc.

31(S)-008280