



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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

April 17, 2001

Ms. Linda D. Pearce  
Wilbur Ellis Co.  
191 W. Shaw Ave., #107  
Fresno, CA 93704

Subject: Lorsban 30 Flowable  
EPA File No. 2935-426  
Submission dated April 4, 2001

Dear Ms. Pearce:

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 make the labeling change indicated below before you release the product for shipment bearing the amended labeling:

- 1) In the "Restricted Use Pesticide box" delete the fourth line, i.e., the word "Organophosphate".

Submit one copy of the final printed label before releasing the product for shipment. A stamped copy of the label is enclosed for your records. If you have questions, please contact me at (703) 308-6742 or electronically at [mcneilly.dennis@epa.gov](mailto:mcneilly.dennis@epa.gov)

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis McNeilly".

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

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

APR 17 2001

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

2935-426

**RESTRICTED USE PESTICIDE**  
For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certificate.  
**Organophosphate**



# LORSBAN® 30 FLOWABLE

ACTIVE INGREDIENT:

Chlorpyrifos (0,0-(3,5,6-trichloro-2-pyridyl) phosphorothioate .....	30.0%
INERT INGREDIENTS* .....	70.0%
Total .....	100.00%

\*This product contains xylene range aromatic solvent.  
EPA Reg. No. 2935-426                      EPA Est No. 2935-CA-1

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to birds and wildlife, and extremely toxic to fish and aquatic organisms. For terrestrial uses, do not apply directly to water, 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 adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water when disposing of equipment washwaters.

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING – AVISO**

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.)

**FIRST AID**

Do not take internally.  
If **swallowed**: Do not induce vomiting. Contains aromatic petroleum solvent. Call a physician or poison control center immediately.

**NOTE TO PHYSICIAN**: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidote immediately after establishing an open airway and respiration.

In case of **eye contact**: Immediately flush eyes with plenty of water for 15 minutes and call a physician.

In case of **skin contact**: Wash the affected area with soap and water.

If **Inhaled**: Remove victim to fresh air. Apply respiration if indicated. Call a physician.

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

**WARNING - MAY BE FATAL IF SWALLOWED, CAUSES EYE IRRITATION**

Do not take internally. Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute of Occupational Safety and Health under the provisions of 40 CFR part II. Wash thoroughly after handling and before eating or smoking. Remove and wash contaminated clothing before reuse. In case of contact, immediately flush eyes with plenty of water and get prompt medical attention if irritation develops or persists. Wash contaminated skin with plenty of water.

**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 or disposal. 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 dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities. If burned, stay out of smoke. Use caution when moving, opening, closing or pouring.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Not for use on agricultural establishments in hopper-box, planter box, slurry box or other seed treatment application at or immediately before planting.

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

The Federal Food and Drug Administration has set 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 Wilbur-Ellis Lorsban 30 Flowable must be labeled in accordance with all applicable requirements of the Federal Seed Act.

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Wilbur-Ellis Lorsban 30 Flowable will protect germinating seeds and seedlings against injury by seed corn maggots and seed corn beetles. For seed treatment of field beans, green beans, kidney beans, lupine, lima beans, navy beans, snap beans, edible soybeans, string beans, wax beans, cucumbers, lentils, black-eyed peas, cow peas, field peas, garden peas and pumpkins, use 2.75 fluid ounces per hundred-weight of seed. Apply to seed prior to planting so as to ensure thorough coverage.

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**IN CASE OF EMERGENCY CALL CHEMTREC:**  
**(800) 424-9300**

**DIRECTIONS FOR USE continued**

**COTTON (Dallnted Seed Only):** To protect germinating seeds and seedlings against injury by seed corn maggots, use 5.5 fluid ounces of Lorsban 30 Flowable per 100 pounds of seed by applying to the seed as a slurry treatment prior to planting.

Disperse the required amount of Lorsban 30 Flowable in a water solution containing 0.5% by weight of an acceptable sticking agent. Use 15-25 fluid ounces of solution for each 100 pounds of seed to be treated. If a fungicide is used, it should be added to the slurry in accordance with its label directions. Mix the slurry with the seed using a rotating blender or auger mixing equipment that will ensure each seed is uniformly coated. **DO NOT MIX SEED AND PRODUCT WITH BARE HANDS.**

For seed treatment as an insecticide for the protection of stored seed insects in field corn, sweet corn, cucumber, black-eyed peas, field peas, garden peas, field beans, green beans, kidney beans, lima beans, navy beans, snap beans, lupine, sorghum, wheat, pumpkin, string beans, wax beans and cotton seeds.

Wilbur-Ellis Lorsban 30 Flowable Insecticide is recommended to protect the above mentioned seed against the following stored seed insects:

Granary weevil	Saw-toothed beetle
Rice weevil	Indian Meal Moth
Red flour beetle	Angoumois grain moth
Confused flour beetle	

Wilbur-Ellis Lorsban 30 Flowable can be used in conjunction with other seed treatment products. It is always recommended to check the compatibility of these mixtures before large scale mixing and actual application of seed treatment take place.

**Application Instructions:**

Use rate per 100 pounds of seed:	12 ppm, .057 fl. oz. (1.68 ml)
	24 ppm, .114 fl. oz. (3.36 ml)

The use of the higher rate of Lorsban 30 Flowable will give extended control or suppression of the stored seed insects found on this label.

Lorsban 30 Flowable may be applied in combination with Chloroneb, Captan Sprills, Captan 4000 or Apron brand fungicide if protection of the seed from fungi, which may or may not cause damage, is also desired. Do not graze treated cotton plants or use forage for feed.

**NOTE:** The purchaser of this product is responsible for ensuring that all seed treated with this product is adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21 CFR, 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.

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**NOTICE -- READ CAREFULLY  
CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT**

The statements made on this label are believed to be true and accurate, but because of conditions of use which are beyond our control, WILBUR-ELLIS COMPANY does not make, nor does it authorize any agent or representative to make, any warranty, guaranty or representation, expressed or implied, concerning this material or the use thereof, except in conformity with the statements on the label. Neither WILBUR-ELLIS COMPANY nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material, not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

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 small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Wilbur-Ellis, no claims are made to guarantee germination of carry-over seed.

LORSBAN is a registered trademark of Dow Agro. APRON is a registered trademark of the Syngenta. SPRILLS is a registered trademark of Chevron Chemical Company. WILBUR-ELLIS Logo and IDEAS TO GROW WITH are registered trademarks of WILBUR-ELLIS COMPANY.

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**NET CONTENTS:** \_\_\_\_\_

**IN CASE OF EMERGENCY CALL CHEMTREC:  
(800) 424-9300**

**Manufactured in the U.S.A. by:**

**WILBUR-ELLIS COMPANY  
P.O. BOX 16458  
FRESNO CA 93755**

