

7501-181

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# Gustafson STORCIDE™ E.C.

**ACCEPTED**

JUL 3 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7501-181

## Grain, Bin and Warehouse Insecticide

### ACTIVE INGREDIENTS:

Chlorpyrifos-methyl (0,0-dimethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate) .....	22.46%
Cyfluthrin (4-fluoro-3-phenoxyphenyl) methyl 3-(2,2-dichloroethenyl) -2,2-dimethylcyclopropanecarboxylate.....	15.06%
<b>INERT INGREDIENTS:</b> .....	62.48%

**TOTAL:** ..... 100.00%

Contains 1.92 lbs. chlorpyrifos-methyl and 1.28 lbs. of cyfluthrin per gallon.

This product contains aromatic hydrocarbon solvents.

EPA Reg. No. 7501-181

EPA Est.

### KEEP OUT OF REACH OF CHILDREN 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.)  
See Additional Precautionary Statements.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER PELIGRO

Corrosive, causes eye damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Do not breathe vapors and spray mist. Keep container closed. Wash hands, arms and face thoroughly with soap and water after handling and before eating or smoking. Routinely shower or bathe after work and wash all clothing with soap and hot water before reusing. Keep away from food, feedstuffs and water supplies.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Mixers, Loaders, Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, or Viton and protective eye equipment. In addition, applicators apply-

*Continued Next Column*

ing to empty grain bins must wear: A NIOSH-approved respirator with any N,R,P, or HE filter. See Engineering Controls for additional requirements. 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.

#### ENGINEERING CONTROLS:

Handlers applying directly to grain or stored seed must use automated admixture system. The system must apply the pesticide directly to the grain or seed and transfer grain or seed directly into stationary storage facilities.

#### USER SAFETY RECOMMENDATION:

Users and persons in treated areas should avoid inhalation of treated grain dust. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### FIRST AID

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

##### If in eyes:

- Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

##### If swallowed:

- Immediately call a poison control center or doctor.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.

##### If on skin or clothing:

- 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.

**NOTE TO PHYSICIAN:** Contains petroleum distillate - vomiting may cause aspiration pneumonia. Chlorpyrifos-methyl is a cholinesterase inhibitor. Treat symptomatically. Atropine by injection is the preferable antidote. Oximes such as 2-PAM may or may not be therapeutic, but it is recommended they not be used in place of atropine.

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**ENVIRONMENTAL HAZARDS**

STORCIDE E.C. insecticide is toxic to fish, birds and other wildlife. 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 discharge directly or indirectly into surface waters. Do not contaminate water by cleaning of equipment or disposal of wastes.

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

This pesticide is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply STORCIDE E.C. insecticide or allow it to drift onto crops or weeds on which bees are actively foraging.

**PHYSICAL OR CHEMICAL HAZARDS**

Combustible - Do Not Use or Store Near Heat or Open Flame.

Do Not Cut or Weld Container.

**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. Empty grain bin treatment applications are only permitted outside of the bin. Only downward spray is permitted. All openings, except for the point of application, must be closed during application. This product may only be applied to empty grain bins using high-pressure hand held or automated spray equipment.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**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 other procedures approved by State and Local authorities.

**PRODUCT STORAGE:** Store in a cool, dry location. Do not store in direct sunlight.

**PRODUCT INFORMATION:**

Cyfluthrin, a component in STORCIDE E.C. does not have CODEX MRLs. Please check with your grain handler before exporting.

**STORED GRAIN:** For protection of stored food, feed, and oil grains against injury from stored grain weevils, moths, beetles and mealworms including granary weevil, rice weevil, red flour beetle, confused flour beetle, saw-toothed grain beetle, Indianmeal moth, angoumois grain moth, lesser grain borer, larger grain borer, merchant grain beetle, Mediterranean flour moth, drugstore, cigarette, carpet, larder, hide, warehouse and other dermestid beetles, millipedes and centipedes. For optimum results, thoroughly clean and treat grain storage areas prior to storage of grain. If grain is insect infested, fumigate\* to control existing populations and apply STORCIDE E.C. insecticide for residual protection.

**STORED SEED:** For protection of stored seed against injury from stored grain insects listed above. Seed treatment is limited to seeds with stored grain tolerances, wheat, barley, oats, rice and sorghum (milo). Use rates listed below for seed being stored. For optimum results, thoroughly clean and treat seed storage areas prior to storage of seed. If seed is insect infested, fumi-

gate\* to control existing populations and apply STORCIDE E.C. insecticide for residual protection.

STORCIDE E.C. insecticide may also be used in conjunction with registered fungicides or other insecticide seed protectants. Seed treated with other seed protectant products may be required to be colored and tagged. Requirements for coloring and tagging can be found on the product labels. Seed treated with STORCIDE E.C. insecticide alone is considered grain.

**GRAIN, BIN AND WAREHOUSE:** Bin and warehouse applications should only be applied from outside the bin or warehouse. Only downward spray is permitted. All openings, except for the point of application must be closed during applications. This product may only be applied to empty grain bins using automated spray equipment. Do not enter or allow others to enter until sprays have dried. Dilute 1.69 fl. oz. of STORCIDE E.C. insecticide with water to make a 1 gal. solution.\* Apply finished spray to equipment, wall and floor surfaces at the rate of 1 gallon per 1000 sq. ft. prior to storing or handling grain. Application should be made only after equipment bins and buildings have been thoroughly cleaned and are insect free. Empty bin fumigation\*\* is appropriate when inaccessible areas exist.

**GENERAL DIRECTIONS FOR TREATMENT OF GRAIN BEING STORED:** Dilute STORCIDE E.C. with water or FDA approved food grade mineral or soybean oil and apply to the moving grain stream as a coarse spray to give a deposit of 3 ppm of chlorpyrifos-methyl and 2 ppm of cyfluthrin on the grain. The final spray volume with water solutions is 5 gallons of liquid per 1000 bu. of grain. Final spray volume with oil solutions should be applied at oil manufacturers' rates. Occasional agitation is needed in water solutions. Constant agitation is necessary in oil solutions.

STORCIDE E.C. insecticide is to be applied in solution in accordance with the General Directions to stored grains at the following rate per 1000 bu. to provide treatment with 3 ppm concentrations of chlorpyrifos-methyl and 2 ppm of cyfluthrin:

STORCIDE PER 1000 BUSHELS			
GRAIN	fl. oz.	ml.	gal. of dilute solution
Wheat	12.0	354.8	5
Barley	9.6	283.9	5
Oats	6.4	189.2	5
Rice	9.0	266.1	5
Sorghum (milo)	11.2	331.2	5

STORCIDE E.C. insecticide is to be applied in solution in accordance with the General Directions to stored grains at the rate shown in the table below per 100 metric tons to provide treatment with 3 ppm of chlorpyrifos-methyl and 2 ppm of cyfluthrin on the grain:

STORCIDE PER 100 METRIC TONS			
GRAIN	fl. oz.	ml.	liters of dilute solution
Wheat	44	1301.1	69.4
Barley	44	1301.1	86.7
Oats	44	1301.1	130.1
Rice	44	1301.1	92.5
Sorghum (milo)	44	1301.1	74.4

\*This concentration equals 0.3% of chlorpyrifos-methyl and 0.2% of cyfluthrin.

\*\* Fumigate with EPA-registered fumigant according to manufacturer's label recommendations.

**USE PRECAUTIONS:**

- Do not make more than one application of STORCIDE E. C. insecticide to stored grain or seed.
- Avoid application at extremely dusty sites.
- Solution should be used within 48 hours.
- Check spray equipment calibration regularly to ensure proper application rates.
- When drying grain, apply STORCIDE E. C. insecticide after the grain has cooled.

**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.

A quality product manufactured for:

**Gustafson LLC**

1400 Preston Road, Suite 400

Plano, Texas 75093

Questions? (972) 985-8877

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