

ACTELIC® 5E INSECTICIDE

FOR CONTROL OF INSECTS ON STORED CORN AND GRAIN SORGHUM

ACTIVE INGREDIENT:

Phosphorothioate

0-(2-(diethylamino)-6-methyl-4-pyrimidinyl)0,0-dimethyl phosphorothioate 57%

INERT INGREDIENTS..... 43%

Total 100%

Actellic® 5E Insecticide contains 5 pounds active ingredient per gallon.

EPA Reg. No. 2935-486

EPA Est. No. 5905-AR-01

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Call physician if irritation persists.

IF SWALLOWED: Do not induce vomiting. Call a physician immediately.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove to fresh air. If not breathing, give artificial respiration preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

NOTE TO PHYSICIAN: Inducing vomiting as first aid for this substance may result in increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should be induced only under professional supervision.

Atropine is antidotal for cholinesterase inhibition. Give 2 mg. of atropine intramuscularly or subcutaneously and repeat if symptoms of poisoning reappear. Pralidoxime (2 PAM) may be given if available. Give 1 gram intramuscularly or intravenously and repeat as necessary.

See Side Panel For Additional Precautionary Statements

**Net Contents
30 U.S. GALLONS**

Distributed by: WILBUR-ELLIS, P.O. BOX 16458, FRESNO, CALIFORNIA 93755

ACCEPTED

APR 8 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2935-486

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

KEEP OUT OF REACH OF CHILDREN

WARNING

CAUSES EYE IRRITATION: Do not get in eyes. Wear goggles or face shield when handling.

HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. Avoid breathing vapors or spray mist. Keep container closed. Wear rubber gloves when handling concentrate.

CAUSES SKIN IRRITATION: Do not get on skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal zones below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of waste.

In case of a significant spill, call CHEMTREC (800) 424-9300.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool place and protect from freezing. If accidentally frozen, reconstitute by gently warming to room temperature and thoroughly mixing contents. Keep container closed when not in use.

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: **Metal Containers:** 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. **Plastic Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

APPLICATION DIRECTIONS

ADMIXTURE OR TOP DRESSING

(Only ONE application method may be used per load.)

The best practice to protect stored corn and grain sorghum from insect infestation is to use an Admixture treatment of Actellic® 5E Insecticide . However, as it may not always be possible to move grain, a surface treatment of Actellic® 5E Insecticide will help prevent the establishment of migrating insects. The top dressing application will not substitute for a treatment of the entire amount of stored corn or grain sorghum. But within your current stored grain management system, it will help protect the surface from invasion by insects.

NOTICE: Either treatment should only be used if the corn or grain sorghum has not previously received an application of Actellic® 5E Insecticide. To determine whether the crop has been previously treated, test a sample of the grain with a free test kit which can be obtained by calling 1-800-677-6324.

ADMIXTURE TREATMENT:

Apply spray solution uniformly with suitable application equipment as grain enters storage or export containers. Select nozzle size and operating pressure to adjust the application rate with the flow of grain. Prepare desired dilution of Actellic®5E Insecticide in spray tank and mix well. Make sure spray solution stays mixed, especially in large holding tanks. Apply the spray solution as a coarse, uniform low pressure spray in order to minimize drift. Shield nozzle if necessary. Apply the specified amount of Actellic® 5E Insecticide in 5 gallons of water or 3-5 gallons of at least twice refined soybean oil to each 30 tons (60,000 pounds) of grain according to the following rates:

	Fluid Ounces	ppm Concentration
Shelled Corn (field corn, popcorn)	9.2 - 12.3	6-8
Grain Sorghum	9-2 - 12.3	6-8

Grain	No of Bushels Approximately Equal to 30 Tons of Grain
Shelled Corn (field corn, popcorn)	1,071
Grain Sorghum	1,071

TOP DRESSING TREATMENT:

To each 1,000 square feet of grain surface apply 3 fluid ounces of Actellic® 5E Insecticide diluted in 2 gallons of water. The treatment should be split as follows. Spray half of the mixture evenly over the surface and rake into the grain to a depth of 4 inches. apply the remaining half of the mixture (1 gallon) to the raked surface.

- Before making a surface application of Actellic® 5E Insecticide, it will be necessary to remove any webbing and break up crusting that exists on the grain surface. If high numbers of Indian Meal Moth worms (2-3 per sq. ft.) exist, it will be best to remove the webbing, fumigate, and then apply Actellic® 5E Insecticide as a surface application. Mix the following amount of Actellic® 5E Insecticide with 2 gallons of water for a total mixture to treat 1,000 sq. ft. of grain surface:

	Fluid Ounces	ppm Concentration
Corn & Sorghum	3.0	8

APPLICATION DIRECTIONS (cont.)

INSECTS CONTROLLED WITH ACTELLIC® 5E INSECTICIDE

Coleoptera

- Cigarette beetle
- Confused flour beetle
- Corn sap beetle
- Flat grain beetle
- Hairy fungus beetle
- Red flour beetle
- Sawtoothed beetle
- Granary weevil
- Maize weevil
- Merchant grain beetle
- Rice weevil

Lepidoptera

- Angoumois grain moth
- Indian meal moth
- Almond moth

REMARKS AND PRECAUTIONS

- Grain treated with Actellic® 5E Insecticide at rates indicated on this label may be used immediately for any food or feed purpose.
- Do not make more than one application per crop. Use free test kit to determine whether crop has been previously treated.
- Calibrate spray equipment and periodically check in order to ensure proper spray rates.
- Do not store diluted Actellic® 5E Insecticide in spray tank more than 48 hours before use.
- Avoid severely dusty application sites.
- Applications of Actellic® 5E Insecticide include stored bulk or bagged corn and sorghum grain.
- Intended for storage insect control only, not meant to be used as a seed treatment for control of soil insects.

NOTICE: 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, guarantee 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.

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