

ACCEPTED

AUG 12 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
this product is registered for the pesticide
use of **chlorpyrifos-methyl**
EPA Reg. No. 7501-4

Reldan® 4E INSECTICIDE

ACTIVE INGREDIENTS:

Chlorpyrifos-methyl (0,0-dimethyl 0-(3,5,6-trichloro-2-pyridyl)
phosphorothioate) 43.2%
INERT INGREDIENTS 56.8%

TOTAL: 100.0%

Contains 4 lb. chlorpyrifos-methyl per gallon

EPA Reg. No. 7501-41

EPA Est.

KEEP OUT OF REACH OF CHILDREN DANGER

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive, causes eye and skin damage or irritation. 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.

STATEMENT OF PRACTICAL TREATMENT

* Swallowed: Do not induce vomiting. Call a physician immediately.
* On Skin: Remove contaminated clothing and immediately wash with soap and water.
* In Eyes: Flush eyes with plenty of water and call a physician.

NOTE TO PHYSICIAN: 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.

ENVIRONMENTAL HAZARDS

RELDAN 4E insecticide is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not discharge directly or indirectly into surface waters. Do not contaminate water by cleaning of equipment or disposal of wastes.

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.

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:

STORED GRAIN: For protection of stored food, feed, oil and seed 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, and Angoumois grain moth. 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 RELDAN for residual protection.

GRAIN BIN AND WAREHOUSE: Dilute Gustafson RELDAN 4E with water to give a final concentration of 1% chlorpyrifos-methyl (1/2 pint of product per 3 gallons of finished spray or 1/2 liter of product per 25 liters of finished spray). Apply finished spray to equipment, wall and floor surfaces at the rate of 1 gallon per 650 to 1250 square feet (946 ml per 60 to 115 square meters) 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 Gustafson RELDAN 4E with water or FDA approved food grade mineral or soybean oils and apply to the moving grain stream as a coarse spray to give a deposit of 6 ppm of chlorpyrifos-methyl on the grain. Final spray volume with water solutions of 5 gallons of liquid per 1000 bushels of grain. Final spray volume with oil solutions should be applied at oil manufacturers' rates. Occasional agitation is needed in water solutions and constant agitation is necessary in oil solutions.

Gustafson RELDAN 4E is to be applied in solution in accordance with the General Directions to stored grains at the following rate per 1000 bushels to provide treatment with 6 ppm concentrations of chlorpyrifos-methyl:

	6 ppm	
	fl. oz.	ml.
Barley	9.2	270
Oats	6.2	180
Rice	8.6	255
Sorghum (milo)	10.7	315
Wheat	11.5	340

Gustafson RELDAN 4E is to be applied in solution in accordance with the General Directions to stored grains at the rate of 67.7 liters of solution per 100 metric tons to provide treatment with 6 ppm concentrations of chlorpyrifos-methyl:

	6 ppm	
	fl. oz.	ml.
	41.7	1250

* Fumigate with Phosphine or Methyl Bromide according to manufacturer's label recommendations.

USE PRECAUTIONS:

Avoid application at extremely dusty sites.
Reldan solutions should be used within 48 hours.
Check spray equipment calibration regularly to insure proper application rates. When drying grain, apply Reldan after the grain has cooled.

NOTICE - READ CAREFULLY CONDITIONS OF SALE AND LIMITED WARRANTY

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, except for the purposes of curative control of seedling 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 agent 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. SUBJECT TO ANY APPLICABLE STATE LAW, GUSTAFSON, INC. NEITHER MAKES, NOR AUTHORIZES ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, EXPRESS OR IMPLIED INCLUDING ANY IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL GUSTAFSON, INC. BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT; BUYER SHALL RECEIVE AS ITS SOLE REMEDY A RETURN OF THE PURCHASE PRICE PAID. Buyer assumes all responsibility for safety and use not in accordance with label instructions.

Gustafson, Inc. and the seller offer this product, and the Buyer/User accept it, subject to the foregoing Conditions of Sale and Limited Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Gustafson, Inc. If these terms are not acceptable, return all products, at once, unopened.

A quality product manufactured by:
Gustafson, Inc.
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U.S. Patent No. 3,244,586

Net Contents: _____ Gallons

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