

# Specimen Label

# Reldan\* 4E Insecticide

Controls Insect Pests Attacking Stored Grains

Active Ingredient(s):

Chlorpyrifos-methyl (O,O-dimethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate) . . . . . 43.2%

Inert Ingredient(s): . . . . . 56.8%

delete---This product contains the toxic inert ingredient Methylene Chloride.

Contains 4 lb chlorpyrifos-methyl per gallon

E.P.A. Registration No. 464-557

E.P.A. Est. 464-EN-1

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**PELIGRO:**

**PRECAUCION AL USUARIO:**

Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

**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: If Swallowed:**

Call a physician or Poison Control Center immediately. Do not induce vomiting. Contains aromatic petroleum solvent.

**If On Skin:** In case of contact, remove contaminated clothing and immediately wash with soap and water. **If In Eyes:** Flush eyes with plenty of water for 15 minutes and call a physician.

**NOTE TO PHYSICIAN:** Chlorpyrifos-methyl is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is the preferable antidote. Oximes such as 2-PAM may or may not be therapeutic; if used early, however, use only in conjunction with atropine.

**Physical or Chemical Hazards**

**COMBUSTIBLE • Do Not Use or Store Near Heat or Open Flame. • Do Not Cut or Weld Container.**

**Environmental Hazards**

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

**NOTICE**

Read the entire label. Use only according to label directions.

Before buying or using this product, read "WARRANTY LIMITATIONS AND DISCLAIMER" elsewhere on this label. If terms are not acceptable, return unopened package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under "WARRANTY LIMITATIONS AND DISCLAIMER."

**IN CASE OF AN EMERGENCY**

endangering life or property involving this product, call collect 517-636-4400

**AGRICULTURAL CHEMICAL**

**Do Not Ship or Store with Food, Feeds, Drugs, or Clothing**

**Reldan\* 4E**

**ACCEPTED**  
 FEB 26 1991  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 464-557-4B

## PRODUCT INFORMATION:

**STORED GRAIN:** For protection of stored food, feed, oil and seed grains against injury from stored grain weevils, moths, borers, beetles and mealworms including granary weevil, rice weevil, red flour beetle, confused flour beetle, saw-toothed grain beetle, Indian meal moth, Angoumois grain moth and lesser grain borer. For optimum results, thoroughly clean and treat grain storage areas prior to storage of grain.

**GRAIN BIN AND WAREHOUSE:** Dilute RELDAN 4E with water to give a final concentration of 1% chlorpyrifos-methyl (1/2 pint of product per 6 1/2 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 and buildings have been thoroughly cleaned.

**TREATMENT OF GRAIN BEING STORED:** Dilute RELDAN 4E with water or food grade mineral oils and apply to the moving grain stream as a coarse spray to give a deposit of 3 to 6 ppm of chlorpyrifos-methyl on the grain. Final spray volume may vary from 1 to 5 gallons of water per 1000 bushel (0.2 to 1.0 liters per metric ton) of grain. Use the higher dosage if grain is to be stored for longer than 3 months.

RELDAN 4E is to be applied to stored grains at the following rate per 1000 bushels to provide treatment with 3 or 6 ppm concentrations of chlorpyrifos-methyl:

	3 ppm		6 ppm	
	fl oz	ml	fl oz	ml
Barley	4.6	135	9.2	270
Oats	3.1	90	6.2	180
Rice	4.3	130	8.6	255
Sorghum (milo)	5.4	160	10.7	315
Wheat	5.8	170	11.5	340

RELDAN 4E is to be applied to stored grains at the following rates per 100 metric tons to provide treatment with 3 or 6 ppm concentrations of chlorpyrifos-methyl:

	3 ppm		6 ppm	
	fl oz	ml	fl oz	ml
	20.8	625	41.7	1250

## STORAGE AND DISPOSAL

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

**Product Storage:** Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. Do not store above 90°F for extended periods of time. Storage below 20°F may result in formation of crystals. If product crystallizes, store at 50 to 70°F and agitate to redissolve crystals. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

For 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 by other procedures approved by state and local authorities.

## WARRANTY LIMITATIONS AND DISCLAIMER

The Dow Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions therein under normal conditions of use. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify in writing The Dow Chemical Company of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of The Dow Chemical Company or any other seller will be one of the following, at the election of The Dow Chemical Company:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations And Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations And Disclaimer in any manner.

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The Dow Chemical Company  
Midland, Michigan 48674 U.S.A.

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SPECIMEN LABEL 86-1882 DATE CODE B988  
REPLACES - DATE CODE A386  
DISCARD PREVIOUS SPECIMEN LABELS

REVISIONS INCLUDE:  
1) ADDITION OF TOXIC INERT INGREDIENT  
STATEMENT