

NOTICE OF PESTICIDE REGISTRATION REREISTRATION

(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Gustafson Roldan 4E
Insecticide

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Gustafson, Inc.
P. O. Box 660065
Dallas, TX 75266-0065

July 1, 1985

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with the provisions of Section 3(c)(7)(C) of the Act, since you have submitted the following data on or before July 1, 1985.

Type of Data	Receipt of Data
1. Rat Hepatocyte/ Unscheduled DNA Synthesis (HPC/UDS)	June 27, 1985
2. Chinese Hamster Ovary Cell-Hypoxanthine (Guanine) Phosphoribosyl Transferase Forward Mutation Assay (CHO/HGPRT)	June 27, 1985
3. Mouse Bone Marrow Micronucleus Test (Mouse MT)	June 27, 1985

BEST AVAILABLE COPY

☒ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

EPA Form 855-4 (Rev. 5-76)

PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

154351
153802

This registration is being extended until November 1, 1985 during which time the Agency will assess the above data. If these data are found to support continued registration, the Agency will consider another extension for this registration beyond November 1, 1985.

You must submit and/or cite all data required for registration/reregistration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

You must submit production information (pounds produced) for this product for the fiscal year in which this product is conditionally registered, in accordance with Section 29 of FIFRA. The fiscal year begins October 1 and ends September 30. The production information must be submitted to the Agency no later than November 15, following the end of the preceding fiscal year. This information must be submitted to:

Registration Support and Emergency Response Branch
Registration Division (TS-767C)
Environmental Protection Agency
Washington, D.C. 20460

Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, this registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Jay S. Ellenberger
Product Manager (12)
Insecticide Rodenticide Branch
Registration Division (TS-767)

Enclosure

(center panel)

Date of Draft: 5/3/85

Gustafson

RELDAN* 4E

Insecticide

Controls Insect Pests Attacking Stored Grains

ACTIVE INGREDIENTS:

Chlorpyrifos-methyl [0,0-dimethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate.....	43.2%
Xylene range aromatic solvent.....	46.0%

INERT INGREDIENTS.....	10.8%
------------------------	-------

TOTAL.....	100.0%
------------	--------

Contains 4 lb. chlorpyrifos-methyl per gallon

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

*Trademark of the Dow Chemical Company
U.S. Patent No. 3,244,586
EPA Est. No.
EPA Reg. No. 7501-
NET CONTENTS:

GUSTAFSON, Inc.
17400 Dallas North Parkway
Dallas, Texas 75252

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 1 1985

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

7501-41

BEST AVAILABLE COPY

(left panel)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING

CAUSES EYE IRRITATION--MAY CAUSE ALLERGIC SKIN REACTION
HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN.

Do not get in eyes, on skin, or on clothing. Remove contaminated clothing. Wash thoroughly after handling. Wear goggles or face shield and rubber gloves whenever eye or skin exposure is likely to occur. Avoid breathing 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, feed stuffs and water supplies.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Do not induce vomiting. Call a physician immediately.
If on Skin: 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 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

GUSTAFSON 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.

(right panel)

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 GUSTAFSON 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 GUSTAFSON 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.

GUSTAFSON 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

GUSTAFSON 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

NOTICE--READ CAREFULLY LIMITED WARRANTY STATEMENT

Gustafson 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. Gustafson neither makes, nor authorizes any agent or representative to make any other warranty of FITNESS or MERCHANTABILITY, guarantee or representation, expressed or implied, concerning this material. In the event of any breach by Gustafson of this limited warranty, Gustafson shall

BEST AVAILABLE COPY

