

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460 Application for Pesticide:	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number <div style="font-size: 24pt; font-weight: bold;">199612</div>

Section I

1. Company/Product Number 7501-41	2. EPA Product Manager D. EDWARDS	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Gustafson RELDAN® 4E Insecticide	PM# 19	
5. Name and Address of Applicant (Include ZIP Code) GUSTAFSON, INC. PO BOX 660065 DALLAS, TEXAS 75266 0065 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section II

<input type="checkbox"/> Amendment - Explain below <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - explain below.
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Explanation: Use additional page(s) if necessary. (For section I and Section II.)

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NOTIFICATION PER PR NOTICE 88-6, AS REQUIRED BY PR NOTICE 93-3, LABELING STATEMENT PROHIBITING APPLICATION TO WATER. ATTACHED ARE A REVISED, HIGHLIGHTED LABEL AND AN ORIGINAL LABEL

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-6

Section III

DATE 8/3/93

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes," Unit Package wgt. No. per container	If "Yes," Package wgt. No. per container	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted.					
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other (_____)					

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name DENNIS L. MCFADDEN	Title ASST. MGR., TOXICOLOGY AND REGULATORY AFFAIRS	Telephone No. (Include Area Code) 214-985-6877

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature 	3. Title ASST. MGR., TOXICOLOGY AND REGULATORY AFFAIRS	6. Date Application Received (Stamped)
4. Typed Name DENNIS L. MCFADDEN	5. Date 7/21/93	

Gustafson Reldan® 4E

Insecticide

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-8

DATE

8/3/93

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

KEEP OUT OF REACH OF CHILDREN DANGER

See Additional Precautionary Statements.

EPA Reg. No. 7501-41

U.S. Patent No. 3,244,586

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

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: 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 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.

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ENVIRONMENTAL HAZARDS

Gustafson RELDAN 4E 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.

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, 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, Indian meal 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.

SEED TREATMENT: For protection of stored seed against injury from stored grain insects listed above. For optimum results, thoroughly clean and treat seed storage areas prior to storage of

Gustafson



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seed. If seed 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 sq. ft. (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 bu. 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 bu. 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 ensure proper application rates.
- When drying grain, apply Reldan 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, except for the purposes of curative control of existing 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 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, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON, INC. 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, Inc. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

A quality product manufactured by:

Gustafson, Inc.
 1400 Preston Road, Suite 400
 Plano, Texas 75093
 (214) 985-8877

Gustafson (logo) is a Reg. TM of Gustafson, Inc.

RELDAN is a Reg. TM of DowElanco

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