

PM 21

7501-153

Page 1 of 6

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 11-30-93

(A)


 United States Environmental Protection Agency  
 Office of Pesticide Programs (H7505C)  
 Washington, DC 20460

Application for Pesticide:

☒ Registration  
☐ Amendment  
☐ Other

OPP Identifier Number

155582

## Section I

1. Company/Product Number 7501-153	2. EPA Product Manager S. LEWIS	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 4-WAY PEANUT SEED PROTECTANT	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) GUSTAFSON, INC. PO BOX 660065 DALLAS, TX 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 checked="" type="checkbox"/> Final printed labels in response to Agency letter dated 5/26/93
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

INCLUDES NOTIFICATION OF REVISION OF ENVIRONMENTAL HAZARDS STATEMENT PER PR NOTICE 93-3.

BEST AVAILABLE COPY

 NOTIFICATION  
 LABEL NOT REVIEWED  
 PER PR NOTICE 93-3

DATE: 7/1/93

## Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	
				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input checked="" type="checkbox"/> Other (Specify) Fiberboard	
* Certification must be submitted.			drum with plastic liner		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container 50 lbs.		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 checked="" 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 J. C. ROCKWELL	Title Manager, Toxicology and Regulatory Affairs	Telephone No. (Include Area Code) 214-985-9877


## 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.

 6. Date Application Received  
 (Stamped)

2. Signature 	3. Title Manager, Toxicology and Regulatory Affairs	6. Date Application Received (Stamped)
4. Typed Name J. C. Rockwell	5. Date June 7, 1993	

DATE: 7/1/93

	<p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (177505C) 401 "M" St., S.W. Washington, D.C. 20460</p>	<p>EPA Reg. Number: 7501-153</p>	<p>Date of Issuance: MAY 26 1993</p>
	<p>NOTICE OF PESTICIDE: <u>  X  </u> Registration <u>     </u> Reregistration</p>	<p>Term of Issuance: Conditional</p>	
<p>(under FIFRA, as amended)</p>		<p>Name of Pesticide Product: 4-Way Peanut Seed Protectant Fungicide</p>	
<p>Name and Address of Registrant (include ZIP Code): Gustafson, Inc. P.O. Box 660065 Dallas, TX 75266-0065</p>			
<p>Note: Changes in labeling 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 EPA registration number:</p>			
<p>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.</p>			
<p>Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.</p>			
<p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p>			
<p>1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.</p>			
<p>2. Revise the label by:</p>			
<p>a. Adding the phrase "EPA Registration No. 7501-153";</p>			
<p>b. Adding "If this product is used on a crop, no other product containing a different EBDC active ingredient may be used on the same crop during the same growing season."</p>			
<p>3. Submit five copies of the final printed label for the record.</p>			
<p>4. Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). If any of your products are covered by the WPS,</p>			
<p>Signature of Approving Official: <i>Clarence O. Lewis, Jr.</i></p>		<p>Date: MAY 26 1993</p>	

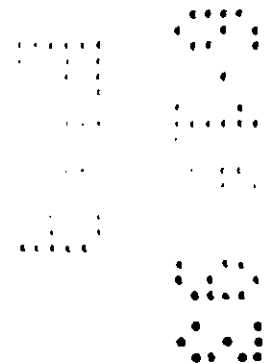
you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER on August 21, 1992 (57 FR 38102). Further guidance will be issued. According to 40 CFR 156, subpart K, specifically §156.200(c)(3): "No product to which this subpart applies shall be distributed or sold without amended labeling by any registrant after April 21, 1994."

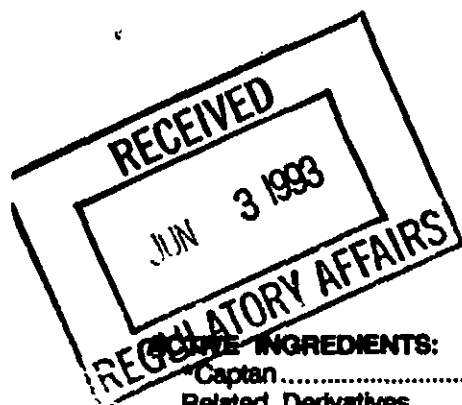
5. Note that since this product contains a list 1 inert of toxicological concern, it will be subject to the requirements of the Rhodamine B DCI, dated February 8, 1993, that was issued to Gustafson, Inc. The Registration Support Branch (RSB) of the Registration Division (RD) will be notified of this registration so that appropriate steps will be taken to include this product in the DCI.

6. You are required to submit product specific product chemistry data for 4-Way Peanut Seed Protectant Fungicide within eight (8) months of the issuance of this registration.

If these conditions are not complied with, the 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.





# 4-WAY

Peanut Seed Protectant Fungicide

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAY 26 1993

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

7501-153

## ACTIVE INGREDIENTS:

	By Wt.
*Captan .....	18.00%
Related Derivatives .....	0.40%
**Maneb .....	18.75%
Pentachloronitrobenzene (PCNB) .....	10.00%
5-Ethoxy-3-trichloromethyl-1,2,4-thiadiazole .....	2.50%
INERT INGREDIENTS .....	50.35%

\*N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide

\*\*Manegese ethylenebisdithiocarbamate

This product contains the toxic inert ingredient Rhodamine B.

EPA Reg. No. 7501-\_\_\_\_\_

## KEEP OUT OF REACH OF CHILDREN DANGER PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Avoid contact with skin and clothing. Remove and separately launder clothing before reuse.

All agricultural workers / handlers (i.e. mixers, loaders and applicators) applying EBDC's must wear coveralls over a long-sleeved shirt and long pants, shoes, socks, goggles or a face shield and chemical resistant gloves. During mixing and loading, a chemical resistant apron and a dust mask must also be worn.

### STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water. Call a physician. If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol. If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention. If on skin: Wash with plenty of soap and water. Get medical attention if abnormal reaction occurs.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not contaminate water when disposing of equipment washwaters. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

## DIRECTIONS FOR USE

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

Use only recommended rates. Lower amounts may not give the desired control. Excessive amounts may cause seed injury. This material is a special formulation of 4-Way which, when used at the correct application rates, protects peanut seed against seed or soilborne diseases such as damping-off, root rot, seed decay and seedling blight.

## STORAGE AND DISPOSAL

**PROHIBITIONS**—Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container.

**STORAGE**—Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place. Protect from excessive heat. Do not store or transport near feed or food.

**PESTICIDE DISPOSAL**—Pesticide wastes are acutely hazardous. 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**—Completely empty liner into application equipment. Then dispose of empty liner and container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## RECOMMENDATIONS

Apply at the rate of 4 to 6 ounces of product per 100 lbs. of peanut seed by mixing 4-Way with the seed in the planter box, drill box or the hopper of the dust applicator. DO NOT MIX WITH HANDS.

Use the higher dose rate when disease pressure is severe.

**IMPORTANT!** Bags containing treated seed should be labeled as follows: TREATED SEED —DO NOT USE FOR FEED, FOOD OR OIL PURPOSES.

## USE PRECAUTION

All agricultural workers / handlers (i.e. mixers, loaders and applicators) applying EBDC's must wear coveralls over a long-sleeved shirt and long pants, shoes, socks, goggles or a face shield and chemical resistant gloves. During mixing and loading, a chemical resistant apron and a dust mask must also be worn.

NOTIFICATION  
LABEL NOT REVIEWED  
PER PR NOTICE 88-6

DATE. 7/1/93

BEST AVAILABLE COPY

Gustafson

Wash thoroughly with soap and water after handling. Remove contaminated clothing and separately launder clothing before reuse.

**AFTER WORK:** Take off all clothes and shoes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with captan must be destroyed according to state and local regulations.

**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. 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.

EPA Est: \_\_\_\_\_

Net Contents: \_\_\_\_ Pounds

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.

111(S)-291160

# 4-WAY

## PEANUT SEED PROTECTANT FUNGICIDE

ACTIVE INGREDIENTS:	By Wt.
*Captan .....	18.00%
Related Derivatives .....	0.40%
**Maneb .....	18.75%
Pentachloronitrobenzene (PCNB) .....	10.00%
5-Ethoxy-3-trichloromethyl-1,2,4-thiadiazole .....	2.50%
INERT INGREDIENTS .....	50.35%

\*N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide

\*\*Manganese ethylenebisdithiocarbamate

This product contains the toxic inert ingredient Rhodamine B.

EPA Reg. No. 7501-153 EPA Est. 42056-IL-1 Net Contents: 50 Pounds

### KEEP OUT OF REACH OF CHILDREN DANGER

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Avoid contact with skin and clothing. Remove and separately launder clothing before reuse.

All agricultural workers / handlers (i.e. mixers, loaders and applicators) applying EBDC's must wear coveralls over a long-sleeved shirt and long pants, shoes, socks, goggles or a face shield and chemical resistant gloves. During mixing and loading, a chemical resistant apron and a dust mask must also be worn.

#### STATEMENT OF PRYCTICAL TREATMENT

If in eyes: Flush with plenty of water. Call a physician. If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol. If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention. If on skin: Wash with plenty of soap and water. Get medical attention if abnormal reaction occurs.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. For terrestrial uses, 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 contaminate water when disposing of equipment washwaters. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

### DIRECTIONS FOR USE

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

Use only recommended rates. Lower amounts may not give the desired control. Excessive amounts may cause seed injury. This material is a special formulation of 4-Way which, when used at the correct application rates, protects peanut seed against seed or soilborne diseases such as damping-off, root rot, seed decay and seedling blight.

### STORAGE AND DISPOSAL

**PROHIBITIONS**—Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container.

**STORAGE**—Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place. Protect from excessive heat. Do not store or transport near feed or food.

**PESTICIDE DISPOSAL**—Pesticide wastes are acutely hazardous. 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**—Completely empty liner into application equipment. Then dispose of empty liner and container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### RECOMMENDATIONS

Apply at the rate of 4 to 6 ounces of product per 100 lbs. of peanut seed by mixing 4-Way with the seed in the planter box, drill box or the hopper of the seed applicator. DO NOT MIX WITH HANDS.

Use the higher dose rate when disease pressure is severe.

**IMPORTANT!** Bags containing treated seed should be labeled as follows: TREATED SEED --DO NOT USE FOR FEED, FOOD OR OIL PURPOSES.

### USE RESTRICTION

If this product is used on a crop, no other product containing a different EBDC active ingredient may be used on the same crop during the same growing season.

### USE PRECAUTION

All agricultural workers / handlers (i.e. mixers, loaders and applicators) applying EBDC's must wear coveralls over a long-sleeved shirt and long pants, shoes, socks, goggles or a face shield and chemical resistant gloves. During mixing and loading, a chemical resistant apron and a dust mask must also be worn.

Wash thoroughly with soap and clothing and separately launder.

**AFTER WORK:** Take off all clothing. Do not wear contaminated clothing with soap and water after each use. Equipment heavily contaminated according to state and local regulations.

### NOTICE COND

#### AND LIMITED

Treatment of highly mechanical and poor quality, except for the disease or insect pests, may reduce seed and seedling vigor. The portion of seed before committing treatment. Due to seed quality, no claims are made to guarantee. As its sole express warranty, Gustafson, Inc. assumes the responsibility for the chemical described poses stated on the label only in instructions specified on the label above. ONLY AS PERMITTED A BREACH OF THIS LIMITED NOT BE LIABLE FOR CONSEQUENCE OF THIS LIMITED WARRANTY OF F. L. S. OR REPRESENTATION, EXPRESS OR IMPLIED. Buyer assumes the responsibility accordance with the safety instructions on the label.

Buyer/User purchases this product Sale and Limited Warranty, which only by a written agreement signed by Gustafson, Inc. if these terms are place of purchase, unopened to

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

Gustafson (logo) is a Reg. TM

BEST AVAILABLE COPY