

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING**

May be fatal if swallowed. May be absorbed through skin. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Causes eye and skin irritation. Wash hands, arms and face thoroughly with soap after handling and before eating or smoking. Routinely shower or bathe after working and wash all clothing with soap and hot water before reusing. Avoid contamination of food and feedstuffs.

During exposure in seed treatment and loading operations, wear goggles, clean synthetic rubber gloves, protective clothing and a pesticide respirator (partly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR, Part 11).

STATEMENT OF PRACTICAL TREATMENT

If swallowed — Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled — Remove victim to fresh air. Apply respiration if indicated.

If on skin — Remove contaminated clothing and wash affected areas with soap and water.

If in eyes — Flush with plenty of water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label. Exposed treated seeds may be hazardous to birds and other wildlife. Dispose of all excess treated seeds by burial away from bodies of water.

DIRECTIONS FOR USE:

It is a violation of State and Federal Law to use this product in a manner inconsistent with its labeling. Read all directions before using and use only as specified on this label.

STORAGE AND DISPOSAL

- 1. PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal.
- 2. STORAGE:** Store in a cool dry place. Do not allow to freeze or become overheated.
- 3. PESTICIDE DISPOSAL:** Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State, or local procedures.
- 4. CONTAINER DISPOSAL:** Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.
- 5. GENERAL:** Consult Federal, State or Local Disposal Authorities for approved alternative procedures such as limited open burning.

Gustafson 

**VITAVAX®
MANEB
LINDANE 20-35-18.75
FUNGICIDE — INSECTICIDE
Seed Protectant**

Only for sale to, use and storage by agricultural or commercial applicator personnel. A ready-to-use formulation for drill-box application to control smuts, seed decay and seedling blight and for temporary protection of seeds and seedlings against wireworms.

WHEAT — BARLEY — OATS — CORN

Active Ingredients:	By Weight
Carboxin 5,6-Dihydro-2-methyl-1,4-Oxathin-3-Carboxanilide	20.00%
MANEB (Manganese ethylenebisdithiocarbamate)	35.00%
LINDANE (Gamma isomer of Benzenehexachloride)	18.75%
Inert Ingredients	26.25%
Total	100.00%

*VITAVAX is a Registered TM of Unroyal Chemical, a division of Unroyal, Inc.

**KEEP OUT OF REACH OF CHILDREN
WARNING**

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

EPA Est. No.
EPA Reg. No. 7501-
Net Wt. 2.5 lbs.

DIRECTIONS FOR USE

GUSTAFSON VITAVAX-MANEB-LINDANE 20-35-18.75 Fungicide — Insecticide Seed Protectant is a dust base product especially formulated for seed treatment at planting time. This product is formulated to help lubricate the planter box and assure a smooth, even flow to the furrow. It is formulated for use in the treatment of seeds for protection against wireworms, seed corn maggots, and certain other soil-borne insects as well as providing protection against stinking smut (bunt) of wheat, oat smuts, covered and false loose smuts of barley, and seed decay. Apply as a drill box treatment mixing thoroughly with the seed before planting. For best results, the following procedure is suggested: Fill the drill box only half full of seed, add half the required amount of product and mix thoroughly with a stick. Then add the remainder of seed to the drill box and add the rest of the required amount of product to the seed, again mixing thoroughly.

Good results are also obtained by premixing seed with the product in a suitable container then pouring treated seed into the planter box.

DIRECTIONS

Type of Seed	Ounces per Bushel
Wheat	2 oz
Barley	2 cz
Oats	2 oz
Corn	3 oz

IF SOIL TEMPERATURE IS EXTREMELY HIGH (hot weather, in summer planting, or other reasons) reduce recommended dosage by one-third. Avoid lengthy storage of treated seed to prevent loss of Lindane.

USE RESTRICTIONS

Treated seed must not be used for, or mixed with food or animal feed, or processed for oil. Do not graze or feed livestock on treated areas for six weeks after planting. Care must be exercised in the handling of treated seed. Treat only those seeds needed for immediate use minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

Read entire label. Use strictly in accordance with precautionary statements and directions and with applicable state and federal regulations.

**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 not be liable for consequential damages.

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**CAUTIONARY STATEMENTS
DANGERS TO HUMANS AND DOMESTIC ANIMALS**

WARNING
May be absorbed through skin. Do not breathe dust. Do not get on clothing. Causes eye and skin irritation. Wash hands thoroughly with soap after handling and before eating or smoking. After working and wash all clothing with soap and hot water to avoid contamination of feed and foodstuffs.

During treatment and loading operations, wear goggles, clean protective clothing, and a pesticide respirator jointly approved by the Environmental Protection Agency and the U.S. Department of Health and Safety Administration (formerly the U.S. Department of Health, Education and Welfare) under the National Institute for Occupational Safety and Health (NIOSH) 30 CFR, Part 11.

TREATMENT OF PRACTICAL TREATMENT

For eye irritation, flush with water and induce vomiting by touching the back of the tongue with the finger. Repeat until vomit fluid is clear. Call a physician. Do not induce vomiting or give anything by mouth to a child or a pet. Get to fresh air. Apply respiration if indicated. Wash contaminated clothing and wash affected areas with soap and water.

Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS
Toxic to birds, and other wildlife. Do not apply directly to lakes or streams. Do not contaminate water by cleaning of equipment or disposal of empty containers. Dispose of all excess treated seeds by burial in a cool dry place. Do not allow to freeze or become moldy.

DIRECTIONS FOR USE:
Read label. Do not use this product in a manner inconsistent with its labeling. Use only as specified on this label.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal. Store in a cool dry place. Do not allow to freeze or become moldy.
WASTE: Pesticide, spray mixture or rinse water that cannot be recycled must be disposed of according to State or local procedures.
EMPTY CONTAINERS: Completely empty bag by shaking and tapping sides to dislodge clinging particles. Empty residue into application equipment. Dispose of bags in a sanitary landfill or by incineration if approved by local authorities.
DISPOSAL: Federal, State or Local Disposal Authorities for approved methods such as limited open burning.

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MANEB
LINDANE 20-35-18.75
FUNGICIDE — INSECTICIDE
Seed Protectant

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WHEAT — BARLEY — OATS — CORN

Active Ingredients:

Ingredient	By Weight
Carbonyl S 6-Dihydro-2-methyl-1,4-Oxathin-3-Carboxanilide	20.00%
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Inert Ingredients: 26.25%

Total: 100.00%

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WARNING
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Est. No.
EPA Reg. No. 7501-
Net Wt. 2.5 lbs.

DIRECTIONS FOR USE
GUSTAFSON VITAVAX-MANEB-LINDANE 20-35-18.75 Fungicide — Insecticide Seed Protectant is a dust base product especially formulated for seed treatment at planting time. This product is formulated to help lubricate the planter box and assure a smooth, even flow to the furrow. It is formulated for use in the treatment of seeds for protection against wireworms, seed corn maggots, and certain other soil-borne insects as well as providing protection against striking smut (bunt) of wheat, oat smuts, covered and false loose smuts of barley, and seed decay. Apply as a drill box treatment mixing thoroughly with the seed before planting. For best results, the following procedure is suggested: Fill the drill box only half full of seed, add half the required amount of product and mix thoroughly with a stick. Then add the remainder of seed to the drill box and add the rest of the required amount of product to the seed, again mixing thoroughly.

Good results are also obtained by premixing seed with the product in a suitable container then pouring treated seed into the planter box.

DIRECTIONS

Type of Seed	Ounces per Bushel
Wheat	2.0z
Barley	2.0z
Oats	2.0z
Corn	3.0z

IF SOIL TEMPERATURE IS EXTREMELY HIGH (hot weather, midsummer planting, or other reasons) reduce recommended dosage by one-third. Avoid lengthy storage of treated seed to prevent loss of Lindane.


USE RESTRICTIONS
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Read entire label. Use strictly in accordance with precautionary statements and directions and with applicable state and federal regulations.

**NOTICE—READ CAREFULLY
LIMITED WARRANTY STATEMENT**

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ACCEPTED
with COMMENTS
in EPA Letter Dated
FEB 7 1983
Under the Federal Insecticide, Fungicide, and Rodenticide Act
as amended by the Pesticide Act
Registered with EPA Reg. No. 7501-37

Manufactured by: **Gustafson**  17400 Dallas North Parkway, Suite 220 — Dallas, Texas 75252-4493 (214) 931-8899 L57-9'82

DOCUMENT AVAILABLE

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20467	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	

NOTICE OF PESTICIDE: REGISTRATION REREGISTRATION
(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

161 / 92492 DRR
18 / 1 3/16/83

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 indorsement 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.

ATTACHMENT APPLICABLE

SIGNATURE OF APPROVING OFFICIAL _____ DATE _____

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- e. Delete the subheading "General" and the associated sentence from the Storage and Disposal section.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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.

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosures

P.S. Please note that as indicated in comment (b) of our December 27, 1982 letter there is no product registered containing all three active ingredients although there are registered combinations of two of the three actives listed. Therefore acute toxicity should be submitted on this formulation to support the existing signal word and precautionary text.

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