

7501-34

10-26-2004

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Mr. Dennis McFadden  
Gustafson LLC  
1400 Preston Road, Suite 400  
Plano, TX 75093

OCT 26 2004

Dear Mr. McFadden:

Subject: Amendment - Revise label per Lindane RED  
Gustafson Lindane 30C Flowable  
EPA Registration Number 7501-34  
Your submission dated September 17, 2004

The amendment referred to above, submitted in connection with registration under with registration under FIFRA section 3(c)(7)(a), is acceptable and a stamped copy of the label is enclosed for your records. The following revisions should be made when preparing the finished labeling:

- a. In the ingredients statement, revise ACTIVE INGREDIENTS to ACTIVE INGREDIENT since there is only one
- b. In the ENGINEERING CONTROLS text, please revise "and must wear" to read "and handlers must wear".

Please submit five (5) copies of the revised amended label incorporating the above revisions as soon as it becomes available. As agreed upon, all new production of this product after the date of November 30, 2004 must bear the revised amended label.

Please note that this acceptance does not constitute reregistration of the subject product. Such determination will be made following completion of the Agency's review of data submitted in response to the associated Lindane Data Call-In Notice.

Sincerely,

George LaRocca  
Product Manager 13  
Insecticide Branch  
Registration Division (7505C)

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34(S)082604A1D1

# GUSTAFSON

# Lindane 30C Flowable

This product may only be used as a commercial or on-farm seed treatment for barley, wheat, oats and rye.

**ACTIVE INGREDIENTS:**

Lindane (Gamma isomer of benzene hexachloride)..... 30%

**INERT INGREDIENTS:**..... 70%

EPA Reg. No. 7501- 34

EPA Est.

NET CONTENTS: \_\_\_\_\_ Gallons

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT 26 2004

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
7501-34

KEEP OUT OF REACH OF CHILDREN

## WARNING AVISO

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS

SEE ADDITIONAL PRECAUTIONARY STATEMENTS

A quality product manufactured by:



Gustafson LLC  
1400 Preston Rd., Suite 400  
Plano, TX 75093  
Questions? (972) 985-8877

KEEP OUT OF REACH OF CHILDREN

**WARNING AVISO**

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

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

May be fatal if swallowed, inhaled or absorbed through skin. Causes substantial, but temporary eye injury. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors. This product should be applied in a well-ventilated area. Avoid contamination of feed and foodstuffs. Do not store with food. Do not store with feed or forage to be fed to dairy animals or to animals being finished for slaughter.

**PERSONAL PROTECTIVE EQUIPMENT:** Some materials that are chemical-resistant to this product are barrier laminate or nitrile or neoprene rubber or Viton. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Handlers using closed systems and handlers planting or otherwise handling treated seed must wear: Long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves, chemical-resistant apron when mixing, loading or treating seeds on farm.

Handlers exposed to the concentrate while performing tasks such as equipment or spill clean-up, for which engineering controls are not feasible must wear: Coveralls over long-sleeved shirt and long pants, chemical-resistant footwear plus socks, chemical-resistant gloves, chemical-resistant apron. See engineering controls for additional requirements. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**Engineering Controls:**

Seed must be treated using a closed system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(D)(4)] for dermal protection, and must wear the personal protective equipment required above for handlers using a closed system, wear protective eyewear if the system operates under pressure, and be provided and have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown. the PPE specified for handlers exposed to the concentrate that are performing tasks for which engineering controls are not feasible.

**USER SAFETY RECOMMENDATIONS:** Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**FIRST AID**

Have the product container or label with you when calling a poison control center or doctor for treatment advice.

<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

**If in eyes**

- Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**IN CASE OF AN EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT CALL:**

**CHEMTREC: (800) 424-9300 (Toll free – US)**  
**CHEMTREC: (703) 527-3887 (Domestic and International)**

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds, and other wildlife. Exposed treated seeds may be hazardous to birds and other wildlife. Dispose of all excess treated seeds by burial away from bodies of water. Do not contaminate water by disposing of equipment washwaters. Apply this product only as specified on the label.

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

*Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated areas without restriction if there will be no contact with anything that has been treated. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls worn over short-sleeved shirt and short pants, chemical-resistant gloves made of any waterproof material and chemical-resistant footwear plus socks.*

Mix thoroughly before use or use entire container at one time. Gustafson Lindane 30C may be tank-mixed with VITAVAX®-200 Flowable Fungicide, Gustafson VITAVAX-34 Seed Treatment, Gustafson Captan 30-DD, Gustafson Captan 300 or Gustafson 42-S Thiram Fungicide at the respective labeled rates. All other tank mixes should be pre-tested to determine physical compatibility between formulations. Observe all cautions and limitations on labeling of all products used in mixtures.

This product is to be used in liquid or slurry treaters.

The U.S. Environmental Protection Agency has set official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at recommended rates.

Gustafson Lindane 30C will protect seeds and seedlings against damage from wireworm and seed corn maggots.

**SEED****Dosage Rate / 100 lbs of Seed**

Barley

1.35 fl.oz.

Wheat, Rye, Oats

1.4 fl.oz.

**NOTE:** The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color to prevent accidental use as food for man or feed for animals. Refer to 21 CFR, Part 2.25. Any dye added to treated seed must be cleared for use under 40 CFR, Part 180.1001.

Labels attached to the treated seed must read:

Persons handling treated seed must wear long-sleeved shirt and long pants plus chemical-resistant gloves made out of any waterproof material. Treated seed must not be used or mixed with food or animal feed or processed for oil. Exposed treated seeds may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated areas without restriction if there will be no contact with anything that has been treated.

#### ROTATIONAL CROPS

A plant-back interval of 30 days should be observed for leafy vegetables and 12 months for all unregistered crops. Barley, wheat, oats, rye, corn and sorghum may be replanted immediately.

#### STORAGE AND DISPOSAL

1. **STORAGE:** Store in a cool place. Do not store in direct sunlight. Protect from freezing temperatures.
2. **PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.
3. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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.
4. **CONTAINER DISPOSAL:** Contact Gustafson or your chemical supplier for container return instructions. If container is not returned in accordance with instructions, triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### 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, 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 LLC, no claims are made to guarantee germination of carry-over seed.

As its sole express warranty, Gustafson LLC 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 LLC SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON LLC 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 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 LLC. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

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