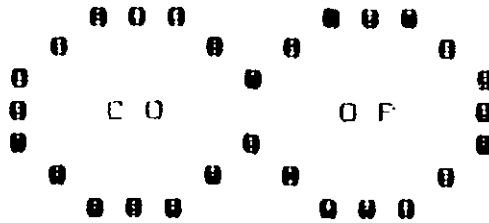


(DRAFT)

EPA Reg. No. 1990-355  
EPA Est. No. 32761 MD-7

**RESTRICTED USE PESTICIDE**

For Application Only By or Under the Direct  
Supervision of a Certified Applicator



LINDANE  
EMULSION

Containing 5% Lindane\*

ACCEPTED  
with COMMENTS  
in EPA Letter dated  
APR 27 1991  
Under the provisions of the  
Fur...  
as...  
registered in...  
1990-355

**ACTIVE INGREDIENTS:**

- \*Gamma Isomer of Benzene Hexachloride from Lindane.....5.00%
- Xylene - Range Aromatic Solvents.....38.73%
- Aliphatic Petroleum Solvents.....52.61%

INERT INGREDIENTS:.....4.06%

TOTAL:.....100.00%

\*Equivalent to 0.25 lbs. Technical Lindane per Gallon

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

**PRECAUCION AL USUARIO: Si usted to lee ingles, no use este  
producto hasta que le etiqueta haya sido explicado ampliamente.**

**NOT FOR SALE TO OR USE BY HOMEOWNERS.**

**See Side Panel for Additional Precautionary  
Statements and Directions for Use.**

NET CONTENTS      GALLONS

Manufactured by  
FARMLAND INDUSTRIES, INC.  
P.O. Box 1000, Missouri 64116

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\*\*\*\*\*  
 \* \* \* \* \*  
 \* STOP \*  
 \* \* \* \* \*  
 \* READ ALL \*  
 \* DIRECTIONS FOR \*  
 \* USE AND \*  
 \* PRECAUTIONS \*  
 \* BEFORE \*  
 \* USING. \*  
 \* \* \* \* \*  
 \*\*\*\*\*

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**PRECAUTIONARY STATEMENTS**

**Statement of Practical Treatment**

**IF SWALLOWED:** Call a Physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering Syrup of Ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

**ON SKIN:** In case of contact with skin wash with soap and water. Get medical attention if irritation persists.

**IN EYES:** For eyes flush with water for 15 minutes and get medical attention.

**Hazards to Humans and Domestic Animals**

**WARNING**

**KEEP OUT OF REACH OF CHILDREN**

Harmful vapors and spray mist. May be absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin or eyes. Wash thoroughly after use and before smoking or eating. Avoid contamination of feed and foodstuffs. Do not use on household pet or humans. Remove contaminated clothing and wash before reuse. Do not wear contaminated shoes.

Applicators must wear the following protective clothing during the application process: a light-weight protective suit or coveralls; water resistant hat; unlined, waterproff gloves; and unlined, boots. Mixers and loaders must also wear goggles or a face shield, waterproff gloves and a waterproff apron.

**Environmental Hazards**

Keep out of lakes, streams and ponds. Do not apply directly to water. Do not apply when weather conditions favor drift from target area. Do not contaminate water by cleaning of equipment or disposal of wastes.

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## DIRECTIONS FOR USE

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

### STORAGE AND DISPOSAL

#### Storage

Do not contaminate water, food, feed, seeds, fertilizer, insecticides or fungicides by transportation, storage, disposal or cleaning of equipment.

Do not use or store near heat or open flame.

Store only in the original container, tightly closed and in a locked and secure place away from children and pets.

**Spill or Leak Procedures:** In the event of a spill or leak, make sure all personnel involved in spill cleanup follow good industrial hygiene practices. Protective clothing listed under "Precautionary Statements" above should be used.

Small spills can be handled routinely. Cover the spill with an absorbent material such as vermiculite or sawdust to prevent dust. Sweep up the material and place in an appropriate chemical waste container. Seal container and dispose of according to "Pesticide" disposal instructions below. Wash the spill area with a saturated solution of sodium carbonate and a strong detergent. Flush the spill area with water to remove any residue.

#### Disposal

**Glass Containers:** Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures. DO NOT REUSE EMPTY CONTAINER.

**Metal Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary land fill, or by other procedures approved by state and local authorities. DO NOT REUSE EMPTY CONTAINER.

**Pesticide:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinseate 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.

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**STORAGE AND DISPOSAL  
(Continued)**

**Disposal of Dips:** Used dip solutions must be disposed of in accordance with the Resource Conservation and Recovery Act (RCRA). If the applicator generates more than 1000 lb of used dip solution per month or more than 1000 lb used dip solution in combination with other hazardous waste, the material must be treated as a hazardous waste subject to subpart C of RCRA. Any user who wishes to treat, store or dispose of hazardous waste must obtain a permit to serve as a hazardous waste facility pursuant to RCRA. Certain States may have restrictions which apply to applicators which generate less than 1000 lb per month. Check with your State Environmental Control Agency prior to disposal of any hazardous wastes.

**CONDITIONS OF SALE AND WARRANTY**

**Conditions of Sale**

This product is sold subject to and buyer and users are deemed to have accepted the terms contained in the CONDITIONS OF SALE AND WARRANTY, DIRECTIONS FOR USE and PRECAUTIONARY STATEMENTS, which may be varied only by agreement in writing signed by a duly authorized representative of FARMLAND INDUSTRIES, INC.

**Inherent Risks**

The directions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Injury to livestock, ineffectiveness or other unintended consequences may result because of such factors as the presence of other animals or use of the product in a manner inconsistent with the Labeling, all of which are beyond the control of FARMLAND INDUSTRIES, INC., or the seller. All such risks shall be assumed by the buyer.

**Warranty Limitation**

FARMLAND INDUSTRIES, INC. warrants that this product conform to the chemical description on the Label and is reasonably fit for the purpose set forth in the DIRECTIONS FOR USE, subject to the inherent risk referred to above. FARMLAND INDUSTRIES, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY, OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

**Limitation of Liability**

In no case shall FARMLAND INDUSTRIES, INC. or the seller be liable for consequential, special or indirect damages resulting from the use or misuse of the product. No claim of any kind shall be asserted against or against the purchaser of the product in respect of the product or its use or misuse.

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### GENERAL USE DIRECTIONS

#### NOTE

Applicators must wear the following protective clothing during the application process: a light-weight protective suit or coveralls; water-resistant hat; unlined, waterproof gloves; and unlined, boots. Mixers and loaders must also wear goggles or a face shield, waterproof gloves and a waterproof apron.

#### FOR CONTROL OF TICKS AND LICE ON BEEF CATTLE, HOGS, AND HORSES:

Use at the rate of 1 quart in 25 gallons of water. Thorough wetting of the entire animal is essential for good results. Apply as a spray.

#### FOR CONTROL OF SHEEP TICKS ON SHEEP:

Use 2 2/3 pints Lindane Emulsion and a wetting agent in 50 gallons of water. Spray along backs and around ears, spraying against wool. Spray in fall. In some areas a repeat treatment after shearing is also advisable. About 750 pounds pressure is desirable.

#### YOUNG ANIMALS:

Use at rate of not more than 4 2/3 pints per 100 gallons of water. Wet entire animal for best results. Do not treat animals under 3 months of age.

#### DIP FOR CONTROL OF TICKS, LICE AND SARCOPTIC MANGE ON SHEEP, HOGS, AND HORSES:

Use 2 quarts per 75 gallons of water in dipping vat where dipping treatment is required by State Law.

#### USE PRECAUTIONS

Animals should not be dipped within 40 days of slaughter or sprayed within 30 days of slaughter. Do not treat animals under three months of age. Do not treat cows within two weeks of farrowing nor for at least three weeks thereafter. Avoid treating animals in cold, stormy weather. Do not treat overheated or sick animals. Do not spray or dip young animals (over 3 months of age) with more than .03% concentration of lindane.

LINDANE MIXTURE ORM A  
NA2761  
RD

INSECTICIDES OR FUNGICIDES AGRICULTURAL NOI 110.-NMFC 102100

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Farmland Industries, Inc.  
c/o Regulatory Affairs Dept. 97  
P.O. Box 7305  
Kansas City, MO 64116

27 APR 1984

Attention: John M. Wise

Gentlemen:

Subject: Amendment - Comply with Lindane Intent to Cancel  
Co-Op Lindane Emulsion 5%  
EPA Registration No. 1990-355  
Your Application Dated March 2, 1984

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. Revise the text of the restricted use statement to read as follows (the PD 4 document was incorrect in regard to this item): "For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification."
2. Revise the Statement of Practical Treatment to read as noted below. We suggest the following statement; however, if your toxicological data suggest otherwise, please submit a draft Statement of Practical Treatment for prior approval:

If swallowed - Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia.

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

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

If in eyes - Flush eyes with plenty of water. Call a physician immediately.

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CONCURRENCES							
SYMBOL							
SUBNAME	T. Pasley						
DATE	4/25/84						

EPA Form 1320-1 (4-81) OFFICIAL FILE COPY

3. In the hazards to humans section add "Harmful if swallowed."
4. In the environmental hazards section add "This product is toxic to fish, birds, and other wildlife" as the first sentence in this paragraph.

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

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

If you hold a Federal registration, a supplemental registration, or a Special Local Needs registration, you may continue to produce new stocks of such products, using current labeling, until May 31, 1984. After that date, all remaining inventories of affected products will fall under the Existing Stocks provisions stated in our letter of October 28, 1983.

The submitted formula is currently under review and comments on it will be forthcoming shortly.

Sincerely yours,

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

Enclosure

RD/IRB:DCR-28623:G.T.LaRocca:KIM:4/23/84:Raven:557-2226:RD-55:Del.5/5/84

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