

INSECTICIDE PESTICIDE

For application only under the direct supervision of a certified applicator.

M.F.A.

25% LINDANE

25% WETTABLE POWDER

ACTIVE INGREDIENTS:

Gamma Isomer of Benzene Hexachloride from Lindane. . . . .

INERT INGREDIENTS: . . . . .

25%

75%

100%

ACCEPTED with COMMENTS in EPA Letter D-84-1

MAR 6 1984

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, this product is registered under EPA...

74687

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED - Contains petroleum hydrocarbons. Do not induce vomiting. Get medical attention immediately.

IF INHALED - Remove victim to fresh air. Apply respiration, if indicated.

IF ON SKIN - Wash area immediately with soap and warm water.

IF IN EYES - Flush with plenty of water and get prompt medical attention.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

(Note-Same type size for "Keep Out Of Reach Of Children and "Storage and Disposal")

Manufactured For

MEF OIL COMPANY

COLUMBIA, MISSOURI 65201

EPA Reg. No. 746-87

EPA Est. 467-1A-1

Net Contents

100-47-2

PRECAUTIONARY STATEMENTS  
HAZARD TO HUMAN  
AND DOMESTIC ANIMALS

WARNING

Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed or absorbed through skin. Do not breathe vapor or spray mist. Use waterproof gloves, face shield or goggles, and protective clothing when handling. Wash hands, arms, and face thoroughly with soap after handling and before eating or smoking. Do not use on humans or household pets. Keep children and animals away from treated areas until spray has dried.

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, light-weight boots. Mixers and loaders must also wear goggles or a face shield; waterproof gloves and a waterproof apron.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to lakes, streams, or ponds. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label. This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

(Note-Same type size a  
"Keep Out Of Reach Of  
Children"-front pnl

STORAGE: Store in a secure area, in original container only, away from fertilizers, food, or feed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or otherwise dispose of in a sanitary landfill, or by incineration, or by other means as allowed by state and local authorities.

BEST DOCUMENT AVAILABLE

SARCOPTIC OR PSOROPTIC MANGE ON BEEF CATTLE: (sponge use only) Sponge infected areas with 2 level tablespoons 25% Lindane in 1 gal. water. Do not use on newborn (very young) animals or calves under 3 months of age, or on dogs, cats or other household pets, or on poultry or in poultry houses. If calves between 3 to 6 months of age must be treated, use 1 level tablespoon per gallon water and sponge infected area. Wear protective hand coverings. Repeat applications at 7 - 10 day intervals for 2 or more treatments as needed. Quarantine infected cattle immediately when scab is found and observe other cattle carefully for a spread of the condition. DO NOT treat within 30 days of slaughter. Treat calves only at lower dosage rate. DO NOT use on dairy animals. DO NOT treat overheated, weak or sick animals. Avoid treating animals in cold stormy weather.

HOG LICE AND SARCOPTIC MANGE: (spray or sponge use only) Thoroughly mix 1 to 2 pounds 25% Lindane in 100 gals. water (1 to 2 level tablespoons per gal.) Routinely treat pigs when taken from sows at weaning time, periodically treat sows 30 to 45 days before farrowing. Do not treat sows within 2 weeks of farrowing or 3 weeks thereafter. Treat boars before breeding season. Spray as soon as mange is found. Spray feeder pigs in fall and other animals before they are added to herd. Thoroughly wet each animal. Repeat application at 7 - 10 day intervals for 2 or more treatments as needed. DO NOT spray within 30 days of slaughter. DO NOT treat overheated, sick or weak animals. Avoid treating animals in cold stormy weather.

CUTWORM CONTROL ON TOMATOES, CABBAGE AND PEPPERS: Mix 1 teaspoon 25% Lindane with each gallon of transplanting water.

SQUASH BUGS ON CUCURBITS, (CUCUMBERS, SQUASH, CANTALOUPE, PUMPKINS): Mix 1 teaspoon 25% Lindane and 4 teaspoons M.F.A. 50% Methoxychlor per gallon of water and spray affected plants thoroughly. Repeat every two weeks. Applications to cucumbers and squash after fruit forms may reduce the quality of harvest. There must be a one day pre-harvest interval on cucumbers and squash.

NOTICE: M.F.A. Oil Company warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. Neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonable foreseeable to M.F.A. Oil Company, and buyer assumes the risk of any such use.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D C 20460

435/111783  
37/1

MAR 4

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

Mr. Gene R. Currie  
MFA Oil Co.  
C/O Imperial Inc.  
P.O. Box 423  
Shenandoah, IA 51601

300/117446  
17/4

Dear Mr. Currie:

Subject: Lindane RPAR  
25% Lindane WP  
EPA Reg. No: 746-87  
Appl. Date: November 22, 1983

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

1. The RPAR Notice incorrectly indicated the language to be used for the RESTRICTED USE PESTICIDE statement. Delete "For application only by or under the direct supervision of a certified applicator" and insert the following at the top of the front panel above the product name (Note: type size requirements for the heading "RESTRICTED USE PESTICIDE" are the same as required for the front panel signal word.

"RESTRICTED USE PESTICIDE

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. A Symptoms of Poisoning section must be added to the label in close proximity to the STATEMENT OF PRACTICAL TREATMENT; we suggest the following:

"SYMPTOMS OF POISONING: headache, nausea, dizziness, loss of equilibrium, muscle spasms, difficulty in breathing, hyper-excitability and convulsions."

3. The "Pesticide Disposal" section is incorrect. Lindane is considered a "Toxic" waste. Use the "Pesticide Disposal" section indicated in the attached "STORAGE AND DISPOSAL" enclosure.

4. The "If swallowed" STATEMENT OF PRACTICAL TREATMENT is inadequate. The statement should refer the victim to a Poison Control Center. Also, since the product does not contain a high amount of petroleum distillate, we would not expect an aspiration hazard, therefore, vomiting should be induced as soon as possible. If the below "If swallowed" statement conflicts with your toxicological data on this product, please submit a draft STATEMENT OF PRACTICAL TREATMENT for prior approval:

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

5. Add the following to the directions for the vegetable crops:

"Do not apply by aircraft."

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 April 1, 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.

Sincerely yours,

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

Enclosure

P.S. Please disregard comment 2 above; the "Symptoms of Poisoning" section is not required for this product.