



12/83

Code 30296

Net Contents
Gallons

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RESTRICTED USE PESTICIDE
For application only by or under the direct supervision
of a certified applicator.

Lindane 20 Miscible Insecticide

EPA Reg. No. 279-868 ZA EPA Est., 279-

Active Ingredients:	By Wt.
Lindane (Gamma Isomer of Benzene Hexachloride)	20.00%
Xylene Range Aromatic Solvent	54.50%
Inert Ingredients:	25.50%
	<u>100.00%</u>

Contains 16 pounds Lindane per gallon.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See Other Panels for Additional Precautionary Information.
For Emergency Assistance Call 716-735-3765.

FMC.

FMC Corporation
Agricultural Chemical Group
2000 Market Street
Philadelphia Pennsylvania 19103

ACCEPTED
with COMMENTS
in EPA Letter Dated:
APR 27 1984
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
279-868

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STATEMENT OF PRACTICAL TREATMENT

If swallowed—Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE VOMITING unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

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

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

If in eyes—Flush eyes with plenty of water for at least 15 minutes. Call a physician immediately.

PRECAUTIONARY STATEMENTS

Hazards to Humans (& Domestic Animals)

Caution
May be absorbed through skin. Avoid breathing spray mist. Avoid contact with skin. In case of contact, wash immediately with soap and water. Avoid contamination of food and foodstuffs. Do not use on household pets or humans. Harmful if swallowed.

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. Applicators working in enclosed areas, such as crawl spaces, must wear a respirator approved by OSHA (29 CFR 1910.134).

Environmental Hazards

This product is toxic to fish and wildlife. Keep out of lakes, ponds and streams. Birds feeding on treated areas may be killed. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from the areas treated. Do not apply where runoff is likely to occur. 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. Application should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Do not use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur.

Do not apply to land to be planted to root crops.

Physical or Chemical Hazards

Flammable. Keep away from heat and open flame.

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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.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

CAUTION

Area treated with Lindane 20 Miscible on (insert date). Do not enter without appropriate protective clothing until sprays have dried (insert State Department of Agriculture's re-entry interval, if more restrictive).

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

Storage and Disposal

Pesticide Storage

Do not store below 32°F, (0°C).

Do not use or store near heat, open flame or hot surfaces.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC collect: (716) 735-3765.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

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.

Container Disposal

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Do not cut or weld metal containers.

Do not use in undiluted form

Do not allow to freeze

Do not use in poultry houses

Do not use in edible product areas of food processing plants, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed

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Aerial application of Lindane is prohibited.

Method of Application: Use any pressure sprayer adjusted so as to avoid too much mist as a coarse spray prevents waste of material. Spray entire interior, including ceilings, walls, beams, door, windows, posts, and floor (excepting troughs and water fountains) and outside around doors and on the sides of buildings where flies accumulate. Hand sprayers are not as satisfactory but may be used in small operation if the job is done thoroughly. They may also be used for spot spraying between regular applications with power equipment.

For the Control of Aphids on Apples, Cherries, Tomatoes: Spray with 1 1/2 pints in 100 gallons of water. Apply when insects first appear and repeat the application when necessary. Apply a minimum of 300 gallons of spray per acre to Apples and Cherries, and a minimum of 20 gallons per acre on Tomatoes. Apply no more than 3.6 pounds actual Lindane per acre on apples, 1.0 pounds actual Lindane per acre on cherries, nor 0.75 pounds actual Lindane per acre on tomatoes. Best results are secured if this material is applied when there is little or no breeze. Do not apply after fruit begins to form on cherries or tomatoes. On apples do not apply within 60 days of harvest.

For Residual Control of Flies in Barns: For rough surfaces use 1 gallon and 1 pint, and for smooth surfaces or for longer residual effect use up to 2 gallons of this material per 100 gallons of water. Use about 1 gallon of finished spray to each 500 square feet of surface, or until surface is thoroughly wet and nearly to the point of runoff. Repeat when fly population begins to build up again. Do not use in dairy barns or milk rooms.

Control of Roaches, Ants, Mosquitoes, Midges: The above application will also control these pests if spray is thoroughly applied to cracks, crevices, baseboards and other hiding places.

Painting Surfaces: Use 1 pint of this material to 2 gallons of water, painting surfaces where pests congregate on ceilings, side walls, on and around doors, on and around windows and window screens, and on baseboards and in cracks. Repeat when necessary.

Precautions: Cover mangers and water fountains in the barns before application is made and wash down mangers and water fountains after application. If the surfaces were accidentally sprayed, wash mangers and fountains before the surfaces dry.

Do not let any of the spray come in contact with animal feeds. Remove animals from barns before spraying such buildings. If feed becomes contaminated do not feed to animals.

Dealers Should Sell in Original Packages Only.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions.

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

Use of Product: FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

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300/118906
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FMC Corporation
Agricultural Chemical Group
2000 Market Street
Philadelphia, PA 19103

Attention: Eunice M. Cuirle

Gentlemen:

Subject: Amendment - Comply with Lindane Intent to Cancel
and Formula Revision
Lindane 20 Miscible
EPA Registration No. 279-868
Your Applications Dated December 7 and December 20, 1983

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. Delete "Do not apply where runoff is likely to occur" from the environmental hazards as it is no longer required text.
3. Delete "...wear a respirator approved by OSHA (29 CFR 1910-134)" and substitute the following in its place.

Wear a pesticide respirator jointly approved by the Mine Safety and Health Administration and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

4. In the hazards to humans section, delete "In case of contact, wash immediately with soap and water" and add the following in its place. "Wash thoroughly after handling and before eating or smoking."

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶	Parshley						
DATE ▶	4/25/84						

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

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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 revised formula received December 20, 1983, has been reviewed and found to be acceptable.

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