

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

May be absorbed through skin. Avoid inhalation and skin contact. In case of contact, wash immediately with soap and water. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Harmful if swallowed. Keep out of reach of children. May be irritating to eyes. Do not get in eyes. Wear goggles or face shield when handling concentrate. Wash hands thoroughly after using and before eating or smoking.

Do not use on feed or forage to be fed to dairy animals, or animals being finished for slaughter. Do not contaminate milk or drinking water.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Keep out of 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, POUR, SPILL 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

Do not contaminate water, food or feed by storage or disposal. **STORAGE** Store in a cool, dry and well-ventilated place. Desirable to store in detached places or outdoors away from fire sources. Do not expose to heat over 104° F. Protect containers from physical damage. Wear protective clothing when handling. Wear facial mask, avoid breathing. If spill occurs, absorb with paper towels or other materials, place in hood to evaporate. Dispose by burning the lower; scatter the spray of the solution into furnace with afterburner and alkali scrubber; if fire occurs, use water spray, carbon dioxide, dry chemical or foam. Use water to keep fire-exposed containers cool.

PESTICIDE DISPOSAL Wastes from this pesticide are toxic. Improper disposal of excess pesticide, spray mixture, or residue 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 (1-Gal. Plastic): 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.

CONTAINER DISPOSAL Metal: 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.



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.

1 POUND LINDANE PER GALLON

ACTIVE INGREDIENTS:

- 1. Gamma isomer of benzene hexachloride (from Lindane)
- Xylene

INERT INGREDIENTS

12.5%
82 F
5 C
100.0%

**KEEP OUT OF REACH OF CHILDREN
WARNING
STATEMENT OF PRACTICAL TREATMENT**

Swallowed— Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. **Inhaled**— Remove victim to fresh air. Apply artificial respiration if needed. If on skin, remove contaminated clothing and wash affected areas with soap and water. **In eyes**— Flush eyes with plenty of water. Call a physician immediately.

See side panel for additional precautionary statements

EPA Reg. No. 148-967

10.8.

EPA Est. No. 655-GA-1

NET CONTENTS

1-GAL.

(3.785 litres)



**THOMPSON-HAYWARD
CHEMICAL COMPANY**

P.O. BOX 2383, KANSAS CITY, KANSAS 66110

Applicators must wear the following protective clothing during the application process: a lightweight protective suit or coveralls, water-resistant hat, unlined, waterproof gloves, and unlined, lightweight boots. Mixers and loaders must also wear goggles or a face shield, waterproof gloves and a waterproof apron. See Additional Statements under Specific Uses.

HARDWOOD TREES

For Hardwood Tree Borers (Round-headed Borers, Flat-headed Borers): For prevention of attack on uninfested trees, use 8 fluid ounces per gallon of water. Mix well. Spray in main trunk of the tree thoroughly up to 8 feet above the ground. Apply first spray in early spring and repeat at 3 to 6 month intervals. For control of borers, clean out hole using knife or wire probe. Using oil can or other stream type applicator, inject, undiluted, into holes and seal with mud or putty.

Early detection is necessary for effective control of tree insects. If infestation of bark beetles in pine trees is not detected early, the life supporting systems of the tree may be damaged and the tree will often die regardless of any treatment. Examine trees regularly for signs of insect activity. As a preventative measure, spray trees in early spring with PCO LINDANE E-1. Keep trees in vigorous condition by supplying adequate water and fertilizer. Keep dying and injured wood pruned out. Pruning should be removed to prevent it serving as a refuge for insects.

Further information on tree insect control practices may be obtained from your Cooperative Agricultural Extension Service.

PINE TREES

For Southern Pine Beetles, the Englemann Beetle, and Black Turpentine Beetles (beetles commonly infesting pine trees): For prevention or control—use 8 fluid ounces (12 1/2 tablespoons) per gallon of water. For Black Turpentine Beetles use 11 fluid ounces per gallon of water. Mix thoroughly. Completely cover the upper two-thirds of the tree from the first branches down to the ground line, starting at the uppermost point and working to the base of the tree. Repeat at 3 to 6 month intervals. Spray all trees in area of infested tree to prevent attack by beetles. Do not spray when bark is wet.

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Further information on tree insect control practices may be obtained from your Cooperative Agricultural Extension Service.

WOOD INFESTING BEETLES

To control beetles such as Lyctidae, Anobiidae, and Cerambycidae in existing structures, prepare a 0.5% solution by diluting according to the following chart:

AMOUNT OF PCO LINDANE E-1	AMOUNT OF WATER
5 ounces	1 gallon
25 ounces	5 gallons
1 gallon	25 gallons

For small areas, flush onto infested areas. For large or over-mead areas, apply as a coarse spray until wet, but not to the point of runoff. Do not apply as a mist. Treated premises should not be re-occupied and sprayed materials should not be used until the spray is completely dry. The product should not be used in currently occupied areas of homes. Do not contaminate food, feed or water with the material.

Do not use in or as the 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.

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

RESIDUAL SPRAY

Free mosquito, gnats and flies can be controlled by spraying walls, ceilings, eaves, ledges and other resting places of insects in barns and similar buildings with a solution of PCO LINDANE E-1 and water. Usually 1 quart PCO LINDANE E-1 diluted with 10 gallons (2 tablespoons in 2 1/2 pints) of water will cover 5,000 square feet of surface or 500 square feet per gallon of diluted material. Cover all feed troughs. Remove animals from barn while spraying. Do not use in poultry houses, dairy barns or milk rooms.

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

PECANS

To control Pecan Phylloxera and Shoot Borer, use 1 1/2 quarts with 100 gallons of water. Thoroughly wet the foliage at approximately 30 gallons of spray per tree. Do not apply more than 450 gallons of finished spray per acre (1 1/4 gallons of this product). Apply by a broadcast sprayer when the pecan buds are beginning to burst. This is early to mid April. Make only one application. DO NOT GRAZE TREATED AREAS. The time lapse between the application and harvest should vary from 6 to 7 months.

OLD DOCUMENT AVAILABLE

435/111655
371/1

300/111655
17/6

27 FEB '84

Mr. James Parker
Department of Agriculture
1200 Spaulding Blvd.
Kansas City, MO 64108

Dear Mr. Parker:

Subject: Amendment - Update per Labeling #1-4
DFO Lindane 1-1 Insecticide
EPA Registration No. 148-907
Your Application Dated November 9, 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. The heading RESTRICTED USE PESTICIDE has the same minimum type size requirement as the front panel signal word. Refer to the enclosed type size guide for assistance.
2. Add "Directions for Use (continued)" over the right panel and then add directly beneath this heading "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.

2. Supply copy of the label to all owners of your records.

If you hold a Federal registration, a supplemental registration, or a State or local trade registration, you may continue to produce and sell such products, using current labeling, until April 1, 1984. After that date, remain in America. All products will sell under the new label. State registration states in Missouri, for example, 201.481.

SYMBOL		COCURRENCE					
▶							
▶							

201.481

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