

RESTRICTED USE PESTICIDE

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

OFFICE OF
REGISTRATION AND
SALES

MAR 19 1984

Product of the Pesticide
Fungicide and Insecticide Act
of 1974. This pesticide
registered under EPA Reg. No.
4887-155



DRAFT

20% LINDANE EMULSIFIABLE CONCENTRATE

ONLY FOR SALE TO, USE AND STORAGE BY PEST CONTROL OPERATORS
OR OTHER COMMERCIAL AND AGRICULTURAL USERS.

To Control Wood Infesting Beetles of The Families
Lyctidae, Anobiidae, and Cerambycidae in
Existing Structures.

Also controls FLIES in LIVESTOCK BARNs, TICKS, HORN FLIES, LICE
on ANIMALS. TICKS and CHIGGERS on LAWNS and FIELDS and certain
insects on ORNAMENTALS.

ACTIVE INGREDIENTS

Gamma isomer of benzene hexachloride (from lindane)	20.0%
Xylene	77.0%
INERT INGREDIENTS	3.0%
	<hr/> 100%

Contains 1.6 lbs. of Lindane per gal.

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT
TREATMENT CALL A PHYSICIAN OR POISON CONTROL CENTER
IMMEDIATELY

If swallowed - Contains petroleum distillates. Do not induce vomiting
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

EPA Reg. No. 4887-155

EPA Est. No. 4887-GA-1

Net Contents _____



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

MAY BE ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED. AVOID INHALATION OF SPRAY MIST. AVOID SKIN CONTACT. IN CASE OF CONTACT, WASH IMMEDIATELY WITH SOAP AND WATER. WASH THOROUGHLY AFTER USING AND BEFORE EATING OR SMOKING. AVOID CONTAMINATION OF FEED AND FOODSTUFFS. DO NOT USE ON HOUSEHOLD PETS AND HUMANS.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding in treated areas may be killed. 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.

BENEFICIAL INSECT CAUTION—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 AND CHEMICAL HAZARDS
FLAMMABLE. KEEP AWAY FROM HEAT AND OPEN FLAME.

PROTECTIVE CLOTHING REQUIREMENTS

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, lightweight 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).

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

MIXING DIRECTIONS: When using Lindane Emulsifiable Concentrate, add it to water while agitating the mixture. To prevent the emulsion from settling it should be agitated from time to time. Do not store the emulsion in uncoated steel or iron for periods longer than a day.

WOOD INFESTING BEETLES of the Families Lyctidae, Anobiidae, and Cerambycidae in homes, barns and other existing structures.

Use a 0.5% emulsion prepared by diluting 32 ounces of 20% Lindane to one (1) gallon with water, or 16 ounces (1 pint) to 5 gallons of water. Brush solution onto small areas. On large areas apply a coarse spray until surfaces are wet. Do not apply coarse sprays in living areas of homes or other existing structures. Do not apply as a mist. Best results are obtained when applied to dry wood. Use in the home is limited to professional licensed Pest Control Operators only.

Do not use in poultry houses. Do not use in dairy barns and milk rooms. Remove animals from barns and cover all feed and water troughs before spraying buildings. Do not use in edible products 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.

OTHER AGRICULTURAL AND COMMERCIAL USES: Do not apply Lindane in poultry houses, dairy barns, or milk rooms. Do not spray or dip dairy animals. Do not use on any animal under three months of age. Do not dip animals within 60 days of slaughter. Do not spray animals within 30 days of slaughter.

Applications for young animals should not exceed 0.03% Lindane (one pint per 100 gallons of water). Do not treat sows within two weeks of farrowing or for at least three weeks thereafter. Avoid treating animals in cold stormy weather. Avoid treating over-heated or sick animals.

FLY CONTROL in LIVESTOCK BARNs—Dilute 1 pt Lindane 20% to 10 gals. water or 1 gal. Lindane 20% to 80 gals. water. Mix well and spray walls, beams, floors, and all places where insects gather. This treatment will also control roaches, ants and mosquitoes in places where the insects hide are treated. Apply a coarse spray until all surfaces are wet. Remove animals from barns and cover all feed and water troughs before spraying buildings. Do not spray dairy animals, dairy barns, or milk rooms.

SPRAY or DIP for ANIMALS—Follow dilution rates indicated. Spray dip or treat animals thoroughly. Controls the following:

TICKS and HORNFLIES on HORSES and CATTLE—1 tablespoon Lindane 20% to 3 gals. water or 1 pint Lindane 20% to 100 gals. water.

LICE on CATTLE and HOGS, LICE and TICKS on SHEEP and GOATS—1 tablespoon Lindane 20% to 3 gals. water or 1 pint Lindane 20% to 100 gals. water.

SARCOPTIC MANGE (SCABIES) on CATTLE and HOGS, PSOROPTIC MANGE (SCABIES) on SHEEP—2 tablespoons Lindane 20% to 3 gals. water or 1 quart to 100 gals. water.

TICK and CHIGGER CONTROL on LAWNS and FIELDS—Dilute 1 qt Lindane 20% to 100 gals. water. Spray to cover grass, weeds, shrubs thoroughly (1 gallon per 125 sq ft). Chiggers frequent areas of grass under trees and near water especially where trambles are present. Do not apply to food crops.

ORNAMENTALS—Dilute 1 tablespoon Lindane 20% to 3 gals. water or 1 pt to 100 gals. water. Controls aphids, thrips, mealybugs, and plant bugs.

NOTE: Consult your State Agricultural Extension Service (or County Agent) for additional information, consistent with label directions and cautions.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Do not store below 40°F for extended period. Store away from direct sunlight in a cool location. Store away from food and feed. Keep container tightly closed when not in use. Spills or leaking containers should be handled according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

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.

Used dip solutions must be disposed of in accordance with the Resource Conservation and Recovery Act (RCRA). If the applicator generates more than 1000 kg of used dip solution per month or more than 1000 kg 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.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Mr. W. E. Blasingame
Stephenson Chemical Co., Inc.
P.O. Box 87188
College Park, GA 30337

Dear Mr. Blasingame:

Subject: Lindane RPAR
Stephenson Chemicals 20% Lindane Emulsifiable Concentrate
EPA Reg. No.: 4887-155
Appl. Date: December 23, 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: the 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."

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-767)