

DEC 30 1994

AMVAC Chemical Corporation
c/o Mr. H. R. McLane
7210 Red Road Suite 206
Miami, FL 33143-5321

Dear Mr. McLane:

) Subject: Amendments - Label Revisions per Registration Standard
Revised Basic CSF
20% Lindane EC
EPA Reg. No. 5481-310
Your submissions dated August 4, 1993

The amendments referred to above, submitted in connection with registration under FIFRA section 3(C)(7)(a), are acceptable provided that you:

- 1) Submit and/or cite all data or other materials required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
- 2) Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a) All appropriate revisions required under the Worker Protection Standard must be incorporated into this labeling.

) A stamped copy of the label is enclosed for your records. Please submit 3 copies of the finished revised amended label prior to release for shipment.

The Basic Confidential Statement of Formula (CSF) is acceptable and has been added to this product's registration file. The Agency understands that this CSF replaces all previous CSFs for

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this product. Please note that the Agency has entered the correct new EPA Reg. No., 264-454, for your source material. Please adjust your copy of the CSF to show this new number.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide Rodenticide Branch
Registration Division (H7505C)

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RESTRICTED USE PESTICIDE

The use of this product may be hazardous to your health. This product contains Lindane, which has been determined to cause tumors in laboratory animals. Risks can be reduced by closely following the use directions & precautions, & by wearing the protective clothing specified elsewhere on this label.

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 Applicators certification.

20% LINDANE E.C.

For BLACK TURPENTINE BEETLES, on Ornamental and Shade Tree Pines growing IN LAWNS, GOLF COURSES, PASTURES, CEMETERIES, PARKS, AND OTHER SIMILAR NON-FOREST PUBLIC OR PRIVATE RECREATIONAL & ORNAMENTAL AREAS.

FOR BALSUM APHID & WHITE PINE APHID

FOR CONTROL OF SQUASH VINE BORER, STRIPED AND SPOTTED CUCUMBER BEETLE, MELONWORMS, PICKLEWORMS, AND APHIDS

ACTIVE INGREDIENT:

Lindane (gamma isomer of benzene hexachloride). 20.0%

INERT INGREDIENTS: 80.0%

Total 100.0%

(Contains 1.6 lb. LINDANE per Gallon)

ACCEPTED
with COMMENTS
by EPA Letter Dated

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Do not induce vomiting. Vomiting may cause aspiration pneumonia. This product contains an aromatic solvent. Gastric lavage is indicated if swallowed.
IF INHALED: Remove victim to fresh air. Apply artificial respiration if needed. Get medical attention immediately.
IF IN EYES: Flush eyes with plenty of water and get prompt medical attention.
IF ON SKIN: Remove contaminated clothing and wash affected area immediately with soap and water. Get medical attention if irritation persists.

DEC 30 1994
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5481-310

SEE SIDE BACK PANEL ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 5481-310

EPA EST. NO. 5481-CA-1

NET CONTENTS 1 GALLON

AMVAC CHEMICAL CORPORATION
4100 EAST WASHINGTON BLVD.
LOS ANGELES CA 90023

20% LINDANE E.C.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be absorbed through the skin. Harmful if swallowed, Avoid inhalation of spray mist. Avoid skin contact. Wash immediately with soap and water after handling and before eating to smoking. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding on treated areas may be killed. Do not apply directly to any body of water or wetlands. Drift and runoff from treated areas may be hazardous to fish and neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame. Do not allow product to freeze since insecticide will separate from liquid while in container.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Aerial application of Lindane is prohibited. Do not plant any food crop in rotation after field treatment with lindane unless it is a registered use for lindane.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original labeled container in a cool, dry, locked place out of reach of children. **DO NOT ALLOW TO FREEZE SINCE PRODUCT WILL BECOME INACTIVE.** **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 approved State and local procedures.

PROTECTIVE CLOTHING REQUIRED

Applicators must wear water resistant hat, lightweight protective suit or coveralls, unlined waterproof gloves, (natural rubber, neoprene or polyethylene) and unlined lightweight boots. Mixer/Loaders must wear goggles or face shield, waterproof apron, and unlined waterproof gloves.

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DIRECTIONS FOR USE(Cont.)

Select a suitable hand or power sprayer capable of giving good coverage of all plant foliage. Keep sprayer agitator running during filling, mixing and spraying operations. Mix only amount needed for spray job.

For BLACK TURPENTINE BEETLES, on Ornamental and Shade Tree Pines growing IN LAWNS, GOLF COURSES, PASTURES, CEMETERIES, PARKS, AND OTHER SIMILAR NON-FOREST PUBLIC OR PRIVATE RECREATIONAL & ORNAMENTAL AREAS.

NOTE: Keep trees vigorous by fertilization and watering.

Do not injure tree trunks. Remove dead trees as soon as possible.

FOR CONTROL OF EXISTING INFESTATIONS

For control of existing infestations mix 6 OUNCES PER GALLON OF WATER. (equal to a .9% solution) and apply as a BARK APPLICATION. Completely cover the main trunk 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 months intervals. Spray all Pines in the infested area to prevent attack by beetles on uninfested trees. Do not spray when bark is wet. If possible slough off the loose flaky bark and debris before application.

FOR PREVENTION OF INFESTATIONS

For prevention of infestations mix 1 OUNCE PER GALLON OF WATER. (Equivalent to a .015% solution). Make the first application approximately June 1st. Completely cover the main trunk 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 months intervals. Spray all Pines in the infested area to prevent attack by beetles on the healthy uninfested trees. Do not spray when bark is wet. If possible slough off the loose flaky bark and debris before application.

BALSUM APHID & WHITE PINE APHID

For aphids on Ornamental Evergreens mix 1½ PINTS PER 100 GALLONS OF WATER; (Equivalent to 1/2 tablespoonful per gallon of water). Apply as a Foliar and/or Bark application. A minimum of 3 applications is necessary for effective control. May 10th to 15th, June 1st, and July 1st. In colder latitudes such as upstate New York, apply May 15th to 20th, June 15th, and July 15th.

FOR CUCUMBERS, CANTALOUPE, WATERMELONS AND SQUASH

For control of SQUASH VINE BORER, STRIPED AND SPOTTED CUCUMBER BEETLE, MELONWORMS, PICKLEWORMS, AND APHIDS mix 2 PINTS PER 100 GALLONS OF WATER (equivalent to .4 lbs. A.I. Lindane) per acre. Make a foliar application. Do not apply after blossoms open. Apply when plants first break through the ground or when plants are about 1 inch in height. Repeat as needed. For Melonworms, and pickleworms apply when worms are first seen in the blossoms and repeat at 7 day intervals or as needed. For Squash Vine Borer, thoroughly cover stems and vines at the base of the plants. Late foliar treatments may result in a reduction of quality at harvest. After spraying observe a 1 day wait before harvest.

PRECAUTIONS FOR VEGETABLE GARDENS

Soil Application: Do not make soil application to root crops, which might absorb a musty flavor. Do not apply in soil which will be planted to root crops (except potatoes) within 1 year. Do not use in soil which will be planted to potatoes within 2 years.

NOTICE: 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. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller and the buyer assumes the risk of any such use.