

10F3

NET CONTENTS - 4 POUNDS



RESTRICTED USE
PESTICIDE

FOR RETAIL SALE TO AND APPLICATION ONLY BY
CERTIFIED APPLICATORS OR PERSONS UNDER THEIR
DIRECT SUPERVISION

1-18-83
RPAK
Notice
Lindane

ACCEPTED
with COMMENTS
EPA Letter Dated:

APR 16 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, the pesticide is
registered under EPA Reg. No.
226-74

TOBACCO STATES BRAND

25% LINDANE

WETTABLE POWDER

ACTIVE INGREDIENTS:

Gamma isomer of Benzene Hexachloride (from Lindane) 25.00%

INERT INGREDIENTS: 75.00%

TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

W. ARNOLD
MILLON

John J. ...
SAM

MAY BE FATAL IF SWALLOWED. MAY BE ABSORBED THROUGH SKIN! MAY PRODUCE
IRRITATION OF SKIN AND EYES! Avoid breathing of vapor, dust or spray mist.
Do not get in eyes or on skin. Wash thoroughly. Avoid contamination
of feed and feedstuff. Avoid spraying feeding troughs or utensils.

E.P.A. Reg. No. 226-74

E.P.A. Est. 226-87-1

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS

HAZARD TO ANIMALS

Do not apply this product in such a manner as to directly or through
drift expose persons or their pets. The area being treated must be
vacated by all persons. Do not enter treated areas without
protective clothing until sprays have dried.

1-18-83
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Avoid the use of this product on food crops when there is a possibility
of interference with flower or residue remaining at harvest. Avoid
excessive use of this product where soil in which root crops, etc. are
planted may be contaminated and cause ent-flower to some crops.
Do not feed treated areas to birds and all other mammals, birds, fish, etc.

Do not contaminate milk, milking equipment, feed or drinking water.
Do not use this product in barns, milk rooms, or milk processing areas.
Do not use this product in areas where children are present. Do not use this
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Applicators working in enclosed areas, such as crawl space, must wear a respirator approved by OSHA.

Applicators who apply this product manually or without the use of a closed-system treatment procedure must wear the following protective clothing during the application process: long-sleeved shirt, long pants, gloves, and a disposable, paper dust mask which covers at least one-third of the face. This product should be applied in a well-ventilated area.

1983
RPAR
Notice

ENVIRONMENTAL HAZARDS

This product is poisonous to fish and wildlife. Keep out of any body of water. This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agriculture Extension Service.

Resistant
to
bees
and
wildlife
See

STORAGE & DISPOSAL

Storage: Do not store in areas of extreme heat or cold. Protect from moisture or extreme humidity.

Pesticide Disposal: Do not contaminate water, food or feed by storage or 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: Completely empty bag in application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

PR
Notice
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USE INSTRUCTIONS

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

PR 05 2

FOR RESIDUAL CONTROL OF ROACHES, ANTS, FLIES AND MOSQUITOES ON AGRICULTURAL PREMISES SUCH AS BARN, BIRD, ANIMAL SHEDS (Excluding dairy barns or in poultry houses).

FOR FLIES AND MOSQUITOES: (As a spray) Use 1 lb. to 30 gallons of water and apply at the rate of about 1 gallon of spray mixture per 100 sq. ft. of surface. Apply as a coarse spray to walls, ceilings, beams, screens, window frames, partitions, and similar places where flies congregate. Protect all feed, feed troughs before spraying. Remove all animals from barn. Repeat as required.

(As a Paint) Use 1 lb. to 6 gallons of water. Paint around windows, doors, ceiling beams and other places where they gather. Repeat as needed. See NOTE above.

FOR ROACHES AND ANTS: Use 1 pound in 10 gallons of water. Spray thoroughly all baseboards, cracks, floors and other places where insects hide, also spray any insect prevent.

LIVESTOCK: Do not treat sows within two weeks of farrowing nor for at least three weeks thereafter. Avoid treating animals in cold stormy weather, as injury may result from chilling. Avoid treating overheated or sick animals. Do not use on dairy animals.

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CATTLE: For LICE AND TICKS on BEEF cattle, use 1 pound in 100 gallons of water, spraying the entire animal or their infested area. For SCAB OR SARCOPTIC MITE on BEEF cattle, use 1 1/2 pound in 100 gallons of water, and using a power sprayer producing about 400 pounds pressure, apply 2 gallons of spray to the animal. Good control requires complete coverage and for a complete cleanup, two applications a week or 10 days apart are required. Young calves, especially those under 3 months of age may be injured by treatment. It is sometimes advisable however, to treat young calves, apply only 1 quart of diluted spray per animal. Do not apply later than 30 days before slaughter, or dip animals within 60 days of slaughter. Do not dip calves under 3 months of age.

HOGS: For hog louse and sarcoptic mange mite on hogs, use 1 lb. in 100 gals. of water. Spray thoroughly making a single repeat application to entire animal or infested area a week or 10 days later if necessary. Do not spray within 30 days of slaughter, or dip within 60 days of slaughter. Do not treat animals under 3 months of age.

SHEEP AND GOATS: For sheep ticks, lice and scab mites (scabiosis), use as a spray at the rate of 1 1/2 lbs in 100 gallons of water. Thorough wetting of the animal is essential for good control. A second spraying may be necessary 2 weeks after the first application. As a dip, use 3/4 lb. per 100 gals. of water. A single dipping is often or usually sufficient for control. Treat in the fall. In some areas a spray spraying after shearing may be advisable. Do not spray within 30 days of slaughter. Do not dip within 60 days of slaughter. Do not use on dairy goats. Do not treat animals under 3 months of age.

FISH AND BIRDS: Use 2 pounds per 100 gallons of water and ticks or lice are present. Thoroughly wetting vegetation. Repeat as necessary.

Amounts of Lindane for use on lawns are based upon the amount of water required in 100 gallons of water.

CHEMICAL PREPARATION: For APHIDS, THRIPS, and other insects, use 1 lb. per 100 gals. of water. Repeat as necessary after new growth appears.

CUCUMBER BEETLE AND PREVENTION: For CUCUMBER BEETLE AND PREVENTION, spray with 1 lb. per 100 gals. of water. Repeat as necessary. For MELON AND CUCUMBER WORM use 1 lb. Repeat applications at 10 to 15 day intervals. Treat both upper and lower surfaces. Do not apply later than 1 day of harvest.

FLY AND SPITTLEBUG: For weevil and spittlebug, use 1 pound in spray when insects appear. Do not apply after fruit starts to form.

NURSERY AND ORNAMENTAL PLANTS: For aphids, spray with 1 lb.

SEED TREATMENT: For the temporary protection of germinating seeds and seedlings from attack by WIREWORM AND SEED MAGGOT: Use the amount listed below on each 100 pounds of seed at the time of planting. CORN, use 8 oz. (1 pt.) or 4 1/2 oz. to bushel; BEAN - 1 to 2 ozs. (4 to 8 tbs.) per bu. SOYBEAN AND PEAS - 8 oz. to bu. Do not use seed as food or feed. Treated seeds exposed on soil surfaces may be hazardous to birds and other wildlife.

TOBACCO: In "setter water" for wireworms: Mix 4 ozs. of 20% Lindane Wettable Powder in each 50 gallons of water keeping the water agitated at rather frequent intervals, using about 1/2 pt. at the base of each plant, approximately 250 gallons of water per acre.

Tobacco States Chemical Co., Inc. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESS OR IMPLIED, concerning the product or its use, which extend beyond the statements on this label.

Tobacco States Chemical Co., Inc.

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BEST DOCUMENT AVAILABLE

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37/1

300/118876
17/2

Tobacco States Chemical Co., Inc.
P.O. Box 12530
Lexington, KY 40583

Attention: Michael Meredith

Gentlemen:

Subject: Amendment - Comply with Lindane Intent to Cancel
Tobacco States Brand 25% Lindane W.P.
EPA Registration No. (226-74)
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. A Statement of Practical Treatment must be added to the labeling. We suggest the following statement; however, if your toxicological data suggest otherwise, 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 a finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

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

If on skin - Remove contaminated clothing and wash affected areas with soap and water.

If in eyes - Flush eyes with plenty of water. Call a physician if irritation persists.

EPA
7/15/83

OFFICIAL FILE COPY

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2. Revise the text of the restricted use statement to read as follows (the statement given in PD 4 is incorrect):

For retail sale to and use only by Certified Applicator or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

3. In the front panel precautionary section delete "wash thoroughly" and substitute "Wash thoroughly after handling and before eating or smoking."
4. Add "CAUTION" so it appears as a subheading just below "Hazard to Humans & Domestic Animals."
5. Also in this paragraph add the following prohibition, "Do not apply by aircraft."
6. Revise the sentence "Applicators working in enclosed areas... approved by OSHA" to read: "Applicators working in enclosed areas, such as crawl spaces, must 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 33 CFR Part II."
7. Revise the text of the environmental hazards to read:

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Do not apply directly to lakes, streams, ponds, or wetlands. Do not contaminate water by cleaning of equipment or by disposal of waste. 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.

8. In the seed treatment directions add the following use restriction, "Treated seed must not be used for or mixed with food or animal feed, or processed for oil; treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time." Also, add "Dispose of all excess treated seed by burial away from bodies of water. Cover or incorporate exposed seeds in turn areas," so it appears immediately after "Treated seeds exposed on soil surfaces may be hazardous to birds and other wildlife."

226-14

~~The CSF submitted Nov. 11, 1983 is presently under review. We have not examined the submitted confidential formula information at this time, but it has been placed in the file for future reference.~~

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.

Sincerely yours,

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

Enclosure

P.S. If you hold a federal registration, or supplemental registration, or a special registration, you may continue to produce new stocks of such products, using current labeling, until May 1, 1984. After that date, all remaining inventories of affected products will fall under the existing stocks provision stated in our letter of October 26, 1983.

*Since this product requires use as bait, does add the label
The special registration information is to include*

BEST DOCUMENT AVAILABLE