

PM15 299-184

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AUG 24 1988

Mr. Mike Compton  
 C.J. Martin Company  
 606 West Main Street  
 Nacogdoches, TX 75963-1089

Dear Mr. Compton:

Subject: Amendment - Revised Labeling and Confidential Statement of Formula  
 Martin's Lindane Concentrate Emulsifiable  
 EPA Registration No. 299-184  
 Your Letters Dated March 7 and April 10, 1986  
 Your Application Dated December 10, 1987

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, 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. Add a footnote to the ingredient statement "Contains petroleum distillates."
2. On the Confidential Statement of Formula (CSF) provide the following:
  - a. flashpoint, and
  - b. pH of a specified dilution.
3. Provide certified limits for the individually added inerts. Also, provide the limits for the pure active ingredient rather than the technical.
4. Based on the percent by weight of the technical, the current formulation will not meet the label claim. Please revise the label or the CSF so the information agrees. Please note the technical is 99 percent pure active ingredient.

05580: I: Newkirk: IR-7: KENCO: 6/1/88-7/1/88: CS: VO: Am  
CONCURRENCES

SYMBOL ▶							
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Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

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

Enclosure

BEST AVAILABLE COPY



Martin's  
ESTABLISHED 1883

4341

RESTRICTED USE PESTICIDE

The use of this product may be hazardous to your health. The product contains lindane, which has been determined to cause tumors in laboratory animals. Risks can be reduced by closely following the use directions and precautions, and 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 Applicator's certification.

LINDANE  
CONCENTRATE

Emulsifiable

TO BE DILUTED WITH WATER

FOR THE CONTROL OF CERTAIN INSECTS ON BEEF CATTLE, SHEEP, GOATS, HOGS, AND FOR THE CONTROL OF CERTAIN INSECTS ON FRUIT TREES, VEGETABLES, FLOWERS AND ORNAMENTALS.

KEEP OUT OF REACH OF CHILDREN  
CAUTION

See Back Panel For Other Cautions

ACTIVE INGREDIENTS:  
Lindane (Gamma isomer of benzene hexachloride) ..... 10.68%  
INERT INGREDIENTS: ..... 89.32%  
CONTENTS:  
1 QUART

C. J. Martin Company

When attempting to label instructions, consult state pesticide or environmental control agency, or the hazardous waste representative of the nearest EPA regional office for guidance.  
**CONTAINER DISPOSAL:** Do not reuse empty container. Triple rinse (or equivalent) then dispose of in a sanitary manner or by other approved means and procedures.  
**CAUTION:** Do not use on animals under 1 month of age. Do not apply to dairy animals. Do not spray within 30 days of slaughter. Do not treat more than 14 days of fattening or for a maximum of 21 days of fattening. Do not treat animals in milk, carry milk. Do not treat swine for 21 days before slaughter. Use as a spray only. Use a minimum amount of spraying procedure of 250 to 400 gallons per acre inch. Use 1 to 2 gallons of spray per head for cattle and horses and proportionately less for smaller animals.  
**HOUSEHOLD USE:** Do not use on animals under 1 month of age. Do not apply to dairy animals. Do not spray within 30 days of slaughter. Do not treat more than 14 days of fattening or for a maximum of 21 days of fattening. Do not treat animals in milk, carry milk. Do not treat swine for 21 days before slaughter. Use as a spray only. Use a minimum amount of spraying procedure of 250 to 400 gallons per acre inch. Use 1 to 2 gallons of spray per head for cattle and horses and proportionately less for smaller animals.  
**LICE AND TICKS ON BEEF CATTLE, HORSES, SHEEP, GOATS:** Spray animals with 0.02% Lindane solution prepared by adding 2 tablespoons of Lindane Concentrate to 2 1/2 gallons of water or 1 pint to 40 gallons. Repeat as necessary.  
**LICE ON HOGS:** Spray animals with 0.02% Lindane solution prepared by adding 4 tablespoons of Lindane Concentrate to 2 1/2 gallons of water or 1 pint to 20 gallons. Repeat as necessary. Do not spray at weaning time.  
**SCABIES ON BEEF CATTLE AND HOGS AND PSOROPTIC MANGE (SHEEP SCABIES) ON SHEEP AND GOATS:** Spray animals with 0.02% spray prepared by adding 2 tablespoons of Lindane Concentrate to 2 1/2 gallons of water. Use spray thoroughly. Use 2 or more treatments at 7 to 14 day intervals as needed. Pore and sheath should also be sprayed to prevent reinfestation.  
**CAUTION:** Do not use in dairy barns or stables. Cover feed and water troughs before spraying or wash thoroughly with a pressure wash before spray. Remove animals prior to application.  
**FLIES, ROACHES, SPIDERS, ANTS, MOSQUITOES IN LIVESTOCK PENS AND BUILDINGS:** Spray with 0.2% solution prepared by adding 8 tablespoons of Lindane Concentrate to 1 gallon of water or 1 pint to 4 gallons. Apply 1 gallon of mix for each 500 square feet of surface area or until thoroughly wet. About 1/2 gallon of mix for each 100 square feet of surface area. Boards, cracks, floors, and other places where pests hide, also spray. Dry spots present. For flying insects - apply as a dusting spray to walls, ceiling beams, corners, window frames, partitions and similar places where pests congregate. Repeat as needed. Application may be made to interior or exterior surfaces, adjacent to and away from. Do not allow insects to come in contact with treated surfaces.  
**INSECTICIDAL PAINT FOR FLIES, ROACHES, SPIDERS, ANTS, MOSQUITOES:** Use 1.25% Lindane solution prepared by adding 1 pint of Lindane Concentrate to 1 gallon of water. Apply as a paint on exterior walls, doors, ceiling beams, window screens and on all baseboards and in cracks. Repeat as needed. The concentration may be lower on treated surfaces.  
**FRUIT TREES, VEGETABLES, FLOWERS AND ORNAMENTALS:** Apply 0.02% Lindane solution as directed below. Prepare 0.02% solution by adding 2 tablespoons of Lindane Concentrate to 2 1/2 gallons of water or 1 pint to 40 gallons of water.  
**PEACHES, PLUMS, APPLES, LEMONADES, THIRP:** - Spray trees thoroughly. Do not apply within 90 days of harvest.  
**Tomatoes, Apples:** - Use 1 gallon per 150 square feet. Do not spray after fruit starts to form. California, Colorado, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Jersey, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming. For general use application only. Use 4 gallons for each 250 square feet. Water into soil thoroughly before or during painting. Do not treat and to be sprayed in next crop.  
**Soil Application:** Do not make soil application to next crop, which might contain a newly sown seed. Do not apply in any which will be planted to next crop except potatoes within 1 year. Do not use in soil which will be planted in potatoes within 2 years.  
**Do not plant any food or feed crop in rotation after a field treated with this product unless it is registered for use for rotation. Do not allow children or pets in treated areas until surfaces are dry.**  
**BULBS (Daffodil, Gladiolus, Hyacinth, Iris, Lilac, Narcissus, Tulip):** Apply 1/2 pint to 1/4 bush per acre. Use as a spray. Apply when insects appear. Repeat at 7 to 10 day intervals as needed.  
**FLOWERS (Camellias, Chrysanthemums, Dahlias, Gladioli, Gardenias, Geraniums, Hibiscus, Impatiens, Petunias, Pinks, Sweet Peas, Zinnias):** Apply 1/2 pint to 1/4 bush per acre. Repeat at 7 to 10 day intervals as needed.  
**ORNAMENTALS (Azaleas, Camellias, Hebe, Magnolia, Rhododendrons, Roses):** Apply 1/2 bush per acre. Repeat at 7 to 10 day intervals as needed.  
**FRUIT TREES:** Apply when insects appear. Repeat at 7 to 10 day intervals as needed.  
EPA Reg. No. 286-104  
EPA Est. No. 286-72-1

doches, Tx. 75963-1089

**PRECAUTIONS:** Hazardous if swallowed. May irritate. Avoid contact with skin. Keep away from children. Thoroughly wash hands after handling.  
**HAZARDS TO HUMANS:** May irritate. Avoid contact with skin. Keep away from children. Thoroughly wash hands after handling.  
**STATEMENT OF CERTIFICATION:** I am employed - Call a physician or poison control center if irritation occurs. I am not employed - Remove victim to fresh air. If not improved, call a physician. I am not employed - Flush with plenty of water. Call a physician if irritation occurs. I am not employed - Call a physician if irritation occurs. I am not employed - Call a physician if irritation occurs.  
**PHYSICAL AND CHEMICAL:** Do not use or store near heat or open flame.  
**STORAGE:** Do not store in areas where children can reach. Do not store in areas where children can reach. Do not store in areas where children can reach.  
**DISPOSAL:** Do not dispose of in areas where children can reach. Do not dispose of in areas where children can reach. Do not dispose of in areas where children can reach.

ACCEPTED  
with COMMENTS  
in EPA Letter D-82

AUG 2 1985

USE OF THIS PRODUCT IS LIMITED TO THE USES AND CONDITIONS SPECIFIED ON THE LABEL. FOR THE PESTICIDE REGISTERED UNDER EPA REG. NO. 286-104

299-184