

17 OCT 1988

345 / 232,417
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Ms. Barbara E. Kairies
Technical Director
Chem-Tox, Inc.
21 N 988 Pepper Rd.
Barrington, IL 60010

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Dear Ms. Kairies:

Subject: Formulation and Labeling Amendments Requested
in Your Letter Dated 7/20/88
EPA Registration No. 45385-3

The amendments referred to above, submitted in connection with registration under section 2(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, are acceptable subject to the following comments.

1. The Confidential Statement of Formula dated 5/1/88 is the new basic formulation and thus the only acceptable CSI on file.

2. Make the following changes to the submitted labeling.

a. Replace the Pesticide Disposal statement with "Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility."

b. Replace the metal and plastic Container Disposal statements with the exact wording specified in EPA Notice 82-2.

c. Replace the Environmental Hazards statements with "This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes, and peatlands). Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water with cleaning of equipment washwaters."

3. Add the following statement of Practical Treatment:

CONCURRENCES

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DATE	9/13/88							

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STATEMENT OF PRACTICAL TREATMENT

- If swallowed: Do not induce vomiting. Call a physician or Poison Control Center immediately.
- If inhaled: Remove to fresh air.
- If on Skin: Remove contaminated clothing and wash affected area of the skin with soap and water. Get medical attention if irritation persists. Wash contaminated clothing separately from other laundry.
- If in eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.
- If on Physician: Contained petrol up distillate. Wash face. May cause contact dermatitis.

In hospitals, patients should be removed from room prior to treatment. Room should be ventilated for 24 hours after spraying. Do not return patients to room until "All clear" is given. See the Hazards to Human and Domestic Animal Health.

Wash hands and statement "In home, all food and drink, surfaces, and utensils should be covered and not used, or thoroughly washed before use." With in home, food, surfaces, and utensils must be washed with soap and water. All items covered followed by a potable water rinse. See the Hazards to Human and Domestic Animal Health.

Read the statements "In hospital, all food and drink, surfaces, and utensils should be covered and not used, or thoroughly washed before use." and "After spraying, all food, surfaces, and utensils must be washed with soap and water. All items covered followed by a potable water rinse. See the Hazards to Human and Domestic Animal Health."

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2. Add the statement "Remove food before treatment." after the statement "Do not allow children or pets to contact treated surfaces until spray has dried."

3. Add the statement "Exposed food must be removed before treatment and the precautionary statements for food storage and handling must be followed." after the phrase "...around" containers of stored foods, around base machinery, behind clothes and drawers."

4. Delete the phrase "low marshy, stagnant water or ponds and shore lines." from the directions regarding outdoor mosquito control.

Print five (5) copies of the final printed label for the product. The original label is retained for shipment.

D. L. Watson
District Director
Product Registration (117)
Insecticide Registration Division
Registration Division, EPA

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DIRECTION FOR USE

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

STORAGE & DISPOSAL

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

PESTICIDE DISPOSAL:

Pesticide, spray mixture or residue that cannot be used according to label instructions must be disposed of according to Federal, State or local regulations under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL:

- 1. Household (A3) - Do not reuse empty container "as-is", can, bucket. Wrap container and put in trash collection.
- 2. Metal (A3) - Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved State or local procedure.
- 3. Plastic (A3) - Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill or by incineration if permitted by State and local authorities.

Direction for use continued on back panel.

ALLETHRIN

FOGGING SPRAY

For Insect Control in Food Plants, Restaurants, Hospitals, Schools, Office Buildings, Warehouse Halls, Barns and Outdoors for Mosquito Control.

ACTIVE INGREDIENTS:

D-TRANS Allethrin	1.25%
Related Compounds	0.14%
Piperonyl Butoxide, Technical	5.00%
**INERT INGREDIENTS	93.61%

** contains Petroleum Distillate
*Equivalent to 4.0% (butylcarbitol) 16-propylpiperonyl ether and to 1.0% related compounds.

KEEP OUT

See this page

CHEM-TX, Inc.
BARRINGTON IL 60010

Order Code:
0-302

EPA Reg. No.
EPA Est. No.

Net 1 Gallon / 3.785 Liters

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

Harmful if swallowed. Breathed or absorbed through the skin. Avoid breathing vapors or spray mist, and provide adequate ventilation of area being treated. Contact with the eyes, skin or clothing should be avoided. In case of contact, immediately flush eyes or skin with plenty of water. Obtain medical attention if irritation persists.

Do not allow children or pets to contact treated surfaces until spray has dried.

In the home, all food processing surfaces, dishes and utensils should be covered during treatment, or thoroughly washed before use. Do not apply directly to food.

In commercial food handling facilities, cover or remove any food and food processing equipment during application. Do not apply while food processing is underway. After spraying in food processing plants, wash all equipment, benches, shelving, etc., where exposed food will be handled, with potable water.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of waste.

PHYSICAL HAZARDS

Do not store near heat or open flame.

DIRECTION FOR USE continued

For rapid control of flies, horn flies, gnats, mosquitoes, skipper flies, wasps, hornets, Angoumois grain moths, Mediterranean flour moths, Indian meal moths and tobacco moths.

Close windows and doors and shut off ventilating systems. Apply with a good machine adjusted to deliver a fine mist, or fog in official Meat and Poultry Establishments use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Apply at the rate of 1 ounce per 1000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area and behind obstructions. Keep the area closed for at least 15 minutes. Repeat treatment as necessary. In other than official Meat and Poultry Establishments a combination of spot surface treatment and fogging is recommended.

SURFACE SPRAYING: To control roaches, ants, silverfish, spiders, crickets, clerid mites, cheese mites, granary weevils, rice weevils, confused flour beetles, rust red flour beetles, samothered grain beetles, spider beetles, cigarette beetles, drugstore beetles, meal worms, grain mites and cadellars: Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machines, behind shelves and drawers. For silverfish, spray book-cases. For ants, spray trails, nests and points of entry. If surface application only is to be used, spray floors, walls, and other surfaces at a rate of 1 gallon to 750 square feet of surface.

To control carpet beetles: Spray edges of carpeting and under carpeting and rugs and infested clothing and furniture. Make a localized application to floor and baseboards. Spray directly into cracks, closets, and infested areas of shelving. Repeat treatment as necessary.

To control bedbugs: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings, and floors. Repeat treatment as needed.

To control fleas and brown dog ticks: Thoroughly spray infested areas, pet beds, resting quarters, heavy cracks and crevices along and behind baseboards, moldings, window and door frames, and localized areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Concurrent treatment of animals with an appropriate insecticide is recommended. Repeat treatment as needed.

To control cloth moths: Remove any infested articles from storage, brush thoroughly and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus, and other storage containers directing the spray into cracks, joints, and crevices. After airing, infested articles may be treated lightly, keeping the spray nozzle at least three feet from the fabric to avoid staining. Store cloth in moth tight containers or repeat treatment monthly.

In Horse Barns and on Horses: (If horses are not to be used for food) This insecticide may be applied as a fine mist spray to stable area and over and around stabled horses for fast paralysis and kill of flies. Do not wet horse's skin or exceed two ounces per application.

OUTDOOR ADULT MOSQUITO CONTROL: Apply as a fine mist to thoroughly treat the entire area. For best results, treat when the wind velocity does not exceed 5 miles per hour. Treat scrubbery or vegetation where mosquitoes may rest, low marshy, stagnant pools or ponds and shore lines. Apply at a rate of 10 fluid ounces per acre (1/4 ounce per 1000 square feet).

With truck-mounted conventional misting equipment traveling at 5 m.p.h., calibrate the equipment to deliver 13 1/2 gallons per hour or 1 pint 13 fluid ounces per minute to treat a 300 foot lane.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given here on.

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