

23 JUN 1994

Jacqueline Sherman
Chem-Tox, Inc.
481 Scotland Road
McHenry, IL 60050

Dear Ms. Sherman:

Subject: Chem-Tox Fogging Insecticide
EPA Registration No. 45385-27
Application dated April 11, 1994

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comment listed below. A stamped copy of the draft label is enclosed for your records.

Delete electric foggers from the list of thermal foggers recommended for thermal applications. Refer to comment 2 in our letter dated April 17, 1991.

Submit two copies of the final printed labeling before the product is released for shipment under this label.

Sincerely,



Robert S. Brennis
Acting Product Manager 10
Insecticide & Rodenticide Branch
Registration Division (7505C)

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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 AND DISPOSAL

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

STORAGE: Store in original container in a locked storage area.

PESTICIDE DISPOSAL: For Containers Over 1 Gallon: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility

CONTAINER DISPOSAL: For Containers 1 Gallon and Under: Do not reuse empty container. Wrap container and put in trash.

For Container Over 1 Gallon: 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.

ENVIRONMENTAL HAZARDS

This formulation is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Drift and runoff from treated sites may be hazardous to fish in adjacent waters. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard. This formulation is combustible.

CHEM-TOX, INC.
481 Scotland Road
McHenry, IL. 60050

Order Code:
0-309

ACCEPTED
with COMMENTS
In EPA Letter Dated
23 JUN 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg No.
45385-27

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FOGGING INSECTICIDE

**A SYNTHETIC PYRETHROID FOR KILLING THE FOLLOWING
SMALL FLYING INSECTS AND CRAWLING INSECTS:**

*Houseflies, mosquitoes, gnats, fruit flies, flying moths (Millers), wasps, hornets,
yellow jackets, cockroaches, waterbugs, ants, crickets, silverfish, earwigs, spiders,
grain mites, sowbugs, centipedes and millipedes.*

ACTIVE INGREDIENTS:

* Resmethrin.....0.200%

** INERT INGREDIENTS.....99.800%

* Cis/trans isomers ratio: max. 30% (+) cis and min. 70% (+) trans.
U.S. Patent No. 3,465,007

** contains 99.500% Petroleum Distillate

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Harmful if swallowed.

See side panel for additional precautionary statements.

EPA Est. No.: 45385-IL-01
EPA Reg. No.: 45385-27

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

Harmful if swallowed or absorbed through skin. Avoid contamination with skin, eyes or clothing. Avoid breathing mist. Cover or remove exposed foods. Avoid contamination of cooking utensils and food preparation surfaces. Remove pets and cover fish aquariums before spraying. 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 space spray in meat packing plants, baleries and other food processing plants, wash all equipment, benches, shelving, etc., where exposed food will be handled with an acceptable detergent followed by a potable water rinse. In the home, all food processing surfaces and utensils should be covered during treatment and thoroughly washed before use.

**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 areas with soap and water. Get medical attention if irritation persists. IF IN EYES: flush eyes with plenty of water. Get medical attention if irritation persists. NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting might cause aspiration pneumonia.

Net 1 Gallon / 3.785 Liters

DIRECTIONS FOR USE continued

For use outdoors in yards, patios, picnic areas, camp-sites, drive-ins, around swimming pools, poultry houses. For use indoors and outside premises of hotels, motels, homes, commercial, industrial, office, institutional and storage buildings, supermarkets, restaurants, bottling plants, canneries, flour and feed mills, bakeries, boats, ship cabins, and hospitals. **IN HOSPITAL, PATIENTS SHOULD BE REMOVED PRIOR TO TREATMENT.**

Before spraying in hospitals, remove all patients. After spraying, ventilate area for 2 hours before returning patients.

Also for use in buses, automobiles, trucks, boxcars, ship cargo holds, and in dog kennels and horse stables. **IN HORSE STABLES, NOT FOR APPLICATION IF HORSES WILL BE USED FOR FOOD**

Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. When using the product in these areas apply only when the facility is not in operation.

Before application, remove plants and animals from area to be treated. Cover or remove fish aquariums. Remove horses before spraying stables.

INDOORS

Thermal Applications - For use undiluted in electric, propane, or gas-powered thermo-loggers and such portable thermal applicator equipment that can deliver spray particle sizes within the aerosol-size range.

To kill houseflies, mosquitoes, gnats, fruit flies, flying moths (milkers). Remove or cover exposed food and food handling surfaces. Remove animals, fish and plants. Shut off ventilating systems, air ducts, air conditioning equipment and close off room or area to be treated. Do not apply while food processing plant is occupied or in operation. Extinguish all flames and pilot lights. **APPLY AS A DRY FOG AT THE RATE OF 1-1/3 fluid ounces per 1,000 cubic feet of space.** Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for at least one-half hour. Do not remain in treated areas. Ventilate the area after treatment.

Space Spray To kill houseflies, mosquitoes, gnats, fruit flies, flying moths (milkers): Close off room or area to be treated. Shut off air-conditioner and ventilator system. Seal all open vents. Remove animals and plant life. Cover or remove fish aquariums. Apply undiluted as a very fine mist space spray through manually operated equipment or with electric or other powered applicators. Avoid stinging by holding the spray nozzle at least five feet from objects. Direct the fine spray mist toward the upper corners of the room or area. Fill the area with a fine mist space spray at the rate of 5 fluid ounces per 5,000 cubic feet. Leave room closed for one-half hour. Ventilate thoroughly before re-entry. Sweep up and destroy insects.

Contact Spray - To kill cockroaches, waterbugs, ants, crickets, silverfish, earwigs, spiders, grain mites, sowbugs, centipedes and millipedes. Adjust spray to produce large wetting-type spray particles. Direct spray to contact these insects in cracks and crevices in floors, baseboards, around pipes, behind cabinets and other harborages. Spray these infested areas until thoroughly wet. Repeat as necessary.

To Kill Ants - Spray around doors and window frames, ant trails and hills in addition to direct spray to contact insects.

To Kill Spiders - Spray directly on these pests and use repeated applications to the webbing and all cracks and crevices which harbor spiders.

OUTDOORS

THERMAL APPLICATIONS - This formulation is to be used undiluted in only such portable thermal applicator equipment that can deliver spray particle sizes within the aerosol-size range.

For reduction in annoyance from flies, mosquitoes and gnats in yards, patios, around swimming pools, and horse stables.

Hold thermal applicator at least five feet from any object, especially plants and shrubbery. Avoid wetting any plant foliage. Apply undiluted at the rate of 3 1/2 gallons per acre. Fog only when there is no breeze, or the wind velocity is less than 3 miles per hour. The ideal time is generally at dusk when the wind dies down and the air temperature and ground temperature are approximately the same. Under these conditions the fog will linger in the treated area for a longer time. Apply fog while moving away from treated area. Avoid inhalation of the fog. Do not enter the treated area until the fog has dissipated. Repeat application as necessary.

CONTACT SPRAY - To kill nuisance pests around buildings, patios and paved areas: Spray directly on insects. Avoid spraying turf or plants.

Ants: Same as directed for indoor application.

Wasps, Hornets, Yellow Jackets: - Application should be made in late evening when insects are at rest. Point spray opening away from face. Aim spray at nest opening in bushes, under eaves, chimneys, cracks and crevices. Thoroughly saturate nest with spray contacting as many insects as possible. Spray liberally into hiding and breeding places.

Earwigs, sowbugs, spiders, centipedes and millipedes: Apply as a contact spray, as for indoor use.

To control flies, mosquitoes and gnats and crawling insects around premises, spray thoroughly around doors, window frames and similar areas of entry. Also thoroughly spray garbage and refuse areas, especially around poultry houses, barns, and similar areas of heavy infestation. Do not spray on turf or plants.

WARRANTY STATEMENT

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

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