

7 JAN 1987

Archem, Inc.
P.O. Box 1122
Conway, AR 72032

Attention: Mr. Bruce Donaldson

Gentlemen:

Subject: Double-Tox
EPA Registration No. 38664-21
Your Application for Pesticide Amendment Dated May 28, 1986

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

Correct the typographical error under "Directions For Use." Apparently "Houses, Commercial, Industrial, Office, Institu-" was deleted when the new labels were prepared.

Sincerely yours,

Arturo E. Castillo
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

86890:Schroeder:C-9:KFNCO:11/17/86:11/28/86:eg:VO

CONCURRENCES

SYMBOL ▶							
SURNAME ▶							
DATE ▶							

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL

Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State and local procedures

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 authorities

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin and eyes. 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 spraying in bakeries and food processing plants, thoroughly wash all equipment, benches, shelving, etc. where exposed food will be handled, with an acceptable detergent solution and then rinsed with potable water to remove all traces of contamination. All food processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Remove pets, birds and cover fish aquariums before spraying.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Contact a physician or Poison Control Center. Do not induce vomiting unless directed by a physician. This product contains a high amount of petroleum distillate. Vomiting may cause aspiration pneumonia.

If Inhaled: Remove affected person to fresh air. Apply artificial respiration if indicated.

If In Eyes or on Skin: Flush with plenty of water. Contact a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Buyer assume all risks of use, storage or handling of this material not in strict accordance with directions given hereon.

DIRECTIONS FOR USE

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

FOR USE INDOORS AND OUTSIDE PREMISES OF HOTELS, MOTELS, HOMES, FOOD HANDLING ESTABLISHMENTS, PARKS AND LAND RECREATION PLANTS. SEE LABEL FOR DETAILED DIRECTIONS.

NET CONTENTS: _____



D-TOX

A SYNTHETIC PYRETHROID FOR CONTROLLING THE FOLLOWING FLYING AND CRAWLING INSECTS: Houseflies, Mosquitoes, Gnats, Flying Moths (Millers), Fruit Flies, Vinegar Flies, Wasps, Hornets, Yellow Jackets, Cockroaches, Waterbugs, Fleas, Ticks, Ants, Crickets, Silverfish Earwigs, Spiders, Grain Insects (Adults of confused flour beetles, Saw toothed grain beetles, Shiny Spider beetles, Grain weevils, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, Grain mites), Carpet beetles, Sowbugs, Centipedes, Millipedes and Bedbugs.

ACTIVE INGREDIENTS:

*1 Resmethrin [5-(phenylmethyl)-3-furanyl] methyl 2,2 dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate	0.500%w/w
Related Compounds	0.068%
Petroleum distillate	98.750%
INERT INGREDIENTS:	0.682%
	100.000%w/w

*Cis/trans isomers ratio: Max. 30% (±) cis and min. 70% (±) trans.
†U.S. Patent Nos. 3,465,007 and 3,542,928.

•Penick's SBP-1382 & brand of resmethrin insecticide.
Penick Corp., 1050 Wall Street West, Lyndhurst, N. J. 07071

**KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS**

EPA Reg. No. 38664-21

EPA Est. No. 38664-AR

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D. DIRECTIONS FOR USE (Continued)

TIONAL AND STORAGE BUILDINGS, MILK HANDLING AREAS OF MILK PLANTS, MILK STORAGE ROOMS, EGG PROCESSING PLANTS, SUPERMARKETS, RESTAURANTS, BOTTLING PLANTS, CANNERIES, FLOUR AND FEED MILLS, BAKERIES, BOATS, SHIP CABINS AND HOSPITALS. IN HOSPITALS, PATIENTS SHOULD BE REMOVED PRIOR TO TREATMENT, ALSO FOR USE IN BUSES, AUTOMOBILES, TRUCKS, BOXCARS AND SHIP CARGO HOLDS. ALSO FOR USE 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.

INDOORS:

Space Spray: To kill houseflies, mosquitoes, gnats, flying moths (millers), fruit flies, vinegar flies. Close room or area to be treated. Shut off air conditioner and ventilator system. Seal all open vents. Remove fish and pets. Apply undiluted as a very fine mist space spray through manually operated equipment or with electrical and other powered applicators. Avoid staining by holding the spray nozzle at least 5 ft. from objects. Direct the fine spray mist toward the upper corner of the room. Fill the room with a fine mist space spray at the rate of 3 fl. ozs. per 5,000 cu. ft. Leave room closed for one-half hour. Ventilate thoroughly before re-entry. Sweep up and destroy insects.

Contact Spray: To kill cockroaches, fleas, waterbugs, crickets, silverfish, earwigs, sowbugs, carpet beetles, centipedes, millipedes. Adjust spray to produce large wetting type spray particles. Direct spray to contact 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 spiders: Spray directly on these pests and use repeated applications to the webbing and all cracks and crevices which harbor spiders.

To kill ants: Spray doors, around window frames, ant trails and hills.

To kill bedbugs: Apply as a spot treatment to cracks and crevices around baseboards, floorboards, bedboards and walls. First, thoroughly clean and air mattresses and springs. Then spot treat only areas that may harbor bedbugs, concentrating on tufts, folds, and seams. Repeat as necessary. For persistent infestations, consult professional applicator.

To kill fleas and ticks: Spray directly on insects as well as floors, floor coverings, baseboards, cracks and crevices, infested furniture and animal resting areas. Hold spray nozzle about 18 inches from areas to be treated. Apply spray until area is moist. Treat pet bedding the same way. Also spray entire inside surface of dog houses. Repeat as necessary. Do not allow pets to contact treated areas until spray has dried.

Remove or cover animal feed before spraying. Also, treat dogs, cats and horses with a registered flea-control product before they re-enter the treated area.

To kill grain insects: Adults of confused flour beetles, sawtoothed grain beetle, shiny spider beetles, grain weevils, Angoumois grain moth, Mediterranean flour moth, Indian meal moth, grain mites. Remove infested grain cereal or flour and destroy. Avoid contamination of other food and food stuffs in the areas by removing before spraying. Spray directly on exposed stages and into cracks and crevices where grain

insects may be hiding. In homes, dispose of all infested products. The shelves and drawers should be cleaned and thoroughly sprayed so as to contact all pests, and covered with shelf paper after allowing shelves to dry. Any utensils that are contacted with spray should be washed before using. Repeat as necessary.

To kill wasps, hornets, yellow jackets: Application should be made in the late evening when insects are at rest. Spray liberally into hiding and breeding places containing as many insects as possible. Repeat as necessary.

OUTDOORS: To control nuisance pests around buildings, patios and paved areas. Apply as a contact spray. Spray directly on insects. Avoid spraying turf or plants.

Ants and Fleas: Same as directed for indoor use.

Wasps, Hornets, Yellow Jackets: Same as directed for indoor use. Aim spray at nest openings in bushes, under eaves, chimneys, cracks and crevices to saturation in and around nest openings. Contact as many insects as possible.

Earwigs, Sowbugs, Spiders, Centipedes, Millipedes: Apply as a contact spray, as for indoor use.

To control named flying 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.

Thermal Applications: For control of houseflies and mosquitoes. 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.

Thermal Applications Indoors: For the control of houseflies, mosquitoes, and gnats in warehouses, restaurants and industrial institutions. Remove or cover exposed food and food handling surfaces. Remove animals and plant life. 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 fl. ozs. per 1,000 cu. ft. of space. Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for a least one-half hour. Do not remain in treated areas. Ventilate the area after treatment.

Thermal Applications Outdoors: For reduction in annoyance from houseflies, mosquitoes and gnats in yards, patios, around swimming pools, picnic areas, campsites, drive-ins, and horse stables, and other small area applications. Hold thermal applicator at least 5 ft. away from any object, especially plants and shrubbery. Avoid wetting any plant foliage. Apply undiluted at the rate of 3-3/4 gallons per acre. Fog only when there is no breeze, or the wind velocity is less than 3 mph. The ideal time is generally at dusk when the wind dies down and the 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.

WARRANTY STATEMENT

Our recommendations for the 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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