

45385-24

11/25/1985

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file

Chem-Tox, Inc.
21 North 988 Pepper Road
Barrington, IL 60010

Attention: Barbara Kairies

Gentlemen:

Subject: Chem-Tox Pyronox Dual 0.50
EPA Registration No. 45385-24
Your Letter of April 8, 1985

The labeling for the product cited above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable and a stamped copy is enclosed for your records.

Regarding your letter of June 18, 1985, concerning USDA acceptance, if you have not already received USDA acceptance submit a copy of the registration notice and accepted label to USDA.

Sincerely yours,

Timothy A. Gardner
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

95821:Tavano:RD-80:KENCO:10/30/85:11/11/85:ab:vo

CONCURRENCES

SYMBOL ▶	TS 767						
SURNAME ▶	Tavano						
DATE ▶	11/25/85						



DIRECTIONS FOR USE

It is a violation of 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. Store in a cool, dry place. Keep container closed.

Pesticide Disposal:

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

Container Disposal:

Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved State and local procedures.

Direction for use continued on back panel

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 25 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 45385-24

PYRONOX DUAL 0.5

45385-24

SYNERGIZED PYRETHRUM SPRAY

Use in the Home, and Non-Food and Food Areas of:
Food Processing Plants, Schools, Warehouses,
Office Buildings, Theatres, Garages,
Hotels, Motels, Kennels,
and Hospitals

ACTIVE INGREDIENTS:

Pyrethrins.....	50%
Piperonyl butoxide, technical.....	1.00%
N-Octyl bicycloheptene dicarboximide.....	1.67%
Petroleum distillate.....	98.83%
	100.00%

Equivalent to .80% (butylcarbityl) (8-propylpiperonyl) ether and .20% related compounds.
MGK-264, Insecticide Synergist.

KEEP OUT OF REACH OF CHILDREN
CAUTION

CHEM-TOX, INC.
BARRINGTON, IL 60010

Order Code
0-313

EPA Reg. No. 45385-24
EPA Est. No. 45385-IL-01

Net 1 Gallon / 3.785 Liters

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin and eyes. In case of contact, immediately flush eyes or skin with plenty of water. Obtain medical attention if irritation persists. If swallowed, do not induce vomiting because of aspiration hazard. Contact a physician immediately.

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 meat packaging plants, bakeries and other food processing plants, wash all equipment, benches, shelving, etc., where exposed food will be handled, with an acceptable detergent solution and rinsed with potable water. In the home, 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply directly to water.

PHYSICAL HAZARDS

Do not store near heat or open flame.

DIRECTION FOR USE continued

NOTE: When used in hospitals, patients should be removed prior to treatment. Ventilate for two hours after treatment. Do not return patients to room until after ventilation.

IN FOGGING EQUIPMENT AND HAND SPRAYERS

To Kill Accessible Stages of Insects* Infesting Dried Fruit Products in Storage or Being Processed: Close room or warehouse and shut off all ventilating systems. Dispense this product as a fine mist in the air above trays or shelves of dried fruit. Use a spraying device similar to the Microsol machine, or use fixed ceiling sprayers that produce a very fine spray. Do not apply to fruit directly. If overhead sprayers are used, be sure that the spray is discharged from a position of at least 6 feet over the top trays of fruit. Use a dosage of 1 gallon of this spray per 50,000 cubic feet of room space. Repeat applications as necessary for insect control, but do not exceed more than ten applications at this dosage in any given month. More than ten applications may also be made if this spray is diluted with more petroleum distillate, so that the pyrethrins and synergists in the final spray are reduced proportionately. Do not remain in treated areas. Ventilate the area after treatment is completed. Maximum dilution is 1 part Chem-tox Pyronox Dual 0.5 plus 5.6 parts oil.

* Indian Meal Moth, Dried Fruit Beetle, Confused Flour Beetle, Saw-toothed Grain Beetle and Roaches.

To Kill the Adult and Accessible Forms of Insect Pests* of Stored Food (Stored in Multwall Paper Bags or Cloth Bags) in Warehouses, Storage Rooms and Similar Locations: Close room or warehouse and shut off all ventilating systems. Use a spraying device similar to the Microsol machine, or use fixed ceiling sprayers that produce a very fine spray. Use a dosage of one fluid ounce of this spray per 1000 cubic feet of room space. Do not remain in treated area. Ventilate the area after treatment is completed. Repeat applications as necessary for insect control.

* Rice Weevil, Yellow Meal Worm, Caddis, Confused Flour Beetle, Saw-toothed Grain Beetle, Angoumois Grain Moth, Mediterranean Flour Moth and Indian Meal Moth.

To Kill Flies, Mosquitoes and Gnats: Close room and discharge spray mist as described above. Use a dosage of 1/4 to 1 fluid ounce per 1000 cubic feet of room space. Leave room closed for at least ten minutes. Sweep up and destroy fallen insects. Repeat as necessary for control. Do not remain in treated areas. Ventilate the area after treatment is completed.

IN PRESSURIZED TANK SPRAYERS FOR WETTING CONTACT SPRAYS

As a Surface Spray to Kill the Accessible Stages of Granary Insects: Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Saw-toothed Grain Beetles, Caddises, Meal Moth Larvae and Adults, Cigarette Beetles, Drug Store Beetles and Granary Weevils: Apply as a coarse, wet spray to all areas infested by these insects. Use a dosage of 1 gallon per 1000 square feet. Pay particular attention to cracks and crevices in floor, walls and ceilings. Spray thoroughly around and into floor drains, conveyors and other areas where granary insects may be found. (For Flying Moths and Beetles, treat as for Flies, Mosquitoes and Gnats. See above.) Do not apply this spray to surfaces that may come in contact with food; excessive residues in food may result.

To Kill Roaches, Silverfish and Waterbugs in Sheltered situations: Apply this spray with a sprayer that produces coarse, wetting droplets into all cracks and crevices in woodwork, floors, underneath sinks, areas behind pipes, and in all places where these insects shelter. Contact as many insects as possible. Repeat as necessary for control. Do not allow spray to contact any stored food.

In Mushroom Production to Control Adult Phorids, Sciarids, and Cevidomyids in Growing Houses: Apply at a rate of 1 ounce per 1000 cubic feet of space. Fogger should be operated 8 to 10 feet away from beds and directed slightly upward over them. Circulating fans should be left in operation, but for best results, refrigeration should be turned off.

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