

4816-478 PM17

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MAR 20 1985

Fairfield American Corp.
6th and Harrison Street
Frenchtown, NJ 08825

Attention: Lawrence Feller

Gentlemen:

Subject: Pyrenone PCO Roach Concentrate Insecticide
EPA Registration No. 4816-478
Your Letter of January 23, 1985

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A) is - sole provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Correct transposition error in Directions For Use Table. Dilution 5 should read 85 fl oz. of concentrate to 43 fl oz. of Petroleum Distillate and 33 1/3 gallons of concentrate to 16 2/3 gallons of Petroleum Distillate.
 - b. Add a footnote to table identifying "Butacide" as piperonyl butoxide.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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CONCURRENCES

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

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

Enclosure

RD-IRB:JOE-50332:Gardner:RD-53:EK:Kendrick:898-1270:3/11/85:3/19/85

PHS
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COD

Pyrenone[®]

PCO ROACH CONCENTRATE INSECTICIDE

EPA Reg. No. 4816-47A EPA Est. No. 279-NY-1

DIRECTIONS FOR USE

Provides flushing action, quick knockdown and kill for indoor and outdoor use.

For use in bakeries, beverage plants, canneries, food processing plants, hospitals, hotels, industrial facilities, meat packing plants, restaurants, schools, supermarkets and warehouses.

ACTIVE INGREDIENTS

Pyrethrins.....	1.5%
*Piperonyl Butoxide, Technical.....	7.5%
Petroleum Distillate	91.0%
	100.0%

*Equivalent to min. 6.0% (butylcarbityl) (6-propylpiperonyl) ether and 1.5% related compounds.

PYRENONE and BUTACHIN - Registered Trademarks of Fairfield American Corporation.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See side panel for additional precautions

NET CONTENTS _____

BATCH _____

Printed in U.S.A.

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

When diluting this concentrate, an odorless petroleum distillate is required. The following table is a guide to assist in making desired dilutions.

Dilution No.	Ingredient Percent Pyrethrins-Butoxide*	Gallons Spray	Required Concentrate
1	0.05 - 0.25	1 50	4 1/4 fl. oz. 1 2/3 gallons
2	0.075 - 0.375	1 50	7 fl. oz. 2 1/2 gallons
3	0.15 - 0.75	1 50	13 fl. oz. 5 gallons
4	0.3 - 1.5	1 50	28 fl. oz. 10 gallons
5	1 - 5	1 50	43 fl. oz. 18 2/3 gallons

AS AN INDOOR CONTACT OR SURFACE APPLICATION

IN COMBINATION WITH RESIDUALS

To provide flushing and quick knockdown of insects Pyrenone PCO Roach Concentrate should be added to Diazinon or Dursban in on-site tank mixtures. All dilution and precautions for both products must be followed.

The use of such tank mixes with residual insecticides in food processing establishments, should be confined to time periods when the establishment is not in operation. These may not be used at any time in edible facilities inspected meat and poultry plants. Foods should be removed to a clean area. All food processing surfaces should be covered during treatment and before reusing.

This concentrate should be used at dilution rate number 1 in the following tank mixtures:

1 or 2 fl. oz. of Diazinon 48 to make a 0.5% or 1% solution or 1 1/3 or 2 2/3 fl. oz. of Dursban 2E to make a 0.25% or 0.5% D

USED ALONE AS A SURFACE SPRAY

Food processing operations (except in Federally inspected meat and poultry plants) do not have to be stopped when Pyrethrin (PX) Roach Concentrate is applied as a wet spray in accordance with the following directions and precautions.

To control ants, cockroaches, crickets, silverfish, spiders, waterbugs, palomito bugs, boxelder bugs, firebrats, centipedes, scorpions and clover mites, dilute this concentrate per numbers 2 or 3 in the above chart and apply as a coarse droplet spray using approximately 1 gallon to 750 square feet of space. Thoroughly spray walls, floors and other surfaces of bins and storage and handling areas, being especially careful to treat cracks, crevices and similar hiding places. Treat unloading, handling and processing areas and inside conveying, processing and handling equipment. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible.

To control fleas indoors, spray infested areas thoroughly with particular attention to cracks, crevices, behind baseboards and moldings and under edges of rugs. The entire floor and floor covering should be sprayed with a coarse cone or fan spray.

Pet bedding should be thoroughly cleaned and sprayed or destroyed and replaced. Pets should be treated using an E.P.A. approved insecticide to prevent reinfestation. Repeat treatment if needed.

To control brown dog ticks indoors, apply spray carefully to all observable crevices, behind baseboards, pictures, furniture and draperies and under furniture and edges of rugs. Dogs should be treated with an E.P.A. approved insecticide to reduce reinfestation. Repeat treatment if needed.

To control carpet beetles: Spray edges of carpeting and under carpet and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving. Repeat if reinfestation occurs.

To control clothes 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 areas 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 fabric to avoid staining.

To control bedbugs: Spray all surfaces of mattresses thoroughly, with particular attention to tufts, seams and folds. Spray bedsteads, springs and other bedroom furnishings; walls, floors, baseboards and moldings - with special attention to all possible hiding places.

USED ALONE AS AN INDOOR SPACE SPRAY

FOOD PLANTS

The use of this product as a space spray in food processing or food handling establishments should be confined to time periods when the plants or facilities are not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment and thoroughly cleaned before reusing.

To control accessible adult stages of:

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|-----------------|--------------------|
| Ants | Firebrats |
| Boxelder Bugs | Flies |
| Cheese Mites | Fruit Flies |
| Cheese Skippers | Hornets |
| Clover Mites | Midges |
| Cockroaches | Mosquitoes |
| Crickets | Silverfish |
| Earwigs | Small Flying Moths |

and the following common stored product pests:

- | | |
|------------------------|---------------------------|
| Angoumois Grain Moths | Indian Meal Moths |
| Caddis | Mediterranean Flour Moths |
| Cigarette Beetles | Red Flour Beetles |
| Confused Flour Beetles | Rice Weevils |
| Dark Mealworms | Sawtoothed Grain Beetles |
| Drugstore Beetles | Spider Beetles |
| Grain Mites | Tobacco Moths |
| Granary Weevils | Yellow Mealworms |

If using conventional mechanical, thermal or compressed air equipment, dilutions number 2, 3, or 4 may be used, with application at a rate of 2 to 3 ounces per 1000 cubic feet of space.

If applied with ULV equipment, the concentrate may be used undiluted, or per dilution number 5, and applied at a rate of 0.7 or 1 ounce per 1000 cubic feet.

Close doors and windows and shut off ventilating systems. First direct the spray into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas to provide maximum penetration and impingement on the insects. Then apply at a rate of 0.7 fl. oz. per 1000 cubic feet of space, directing the spray toward the ceiling and upper corners of the

area and behind any obstructions. Keep area closed for at least one hour. Vacate treated area and ventilate before reoccupying. Repeat treatment if necessary.

In Federally inspected meat and poultry plants use dilution number 5 and apply with equipment adjusted to deliver aerosol size droplets (none over 50 microns in diameter and 80% less than 30 microns).

ANIMAL QUARTERS: In cattle barns, horse barns, poultry houses, swine houses, zoos, milking parlors, milk rooms and dairies: use this product as a space spray, diluted for application with conventional mechanical fogging or spraying equipment.

To control: Flies Mosquitoes
Gnats Small Flying Moths

Dilute this concentrate per number 3 in the above chart and apply at the rate of 2 ounces per 1000 cubic feet of space above the animals. Direct spray towards the upper portions of the enclosure while filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment if reinfestation occurs.

OUTDOOR APPLICATION

To control: Adult Mosquitoes, Small Flying Moths, and Gnats

For best results, use truck mounted equipment and apply when there is a light breeze of approximately 5 miles per hour. Spray from the windward side so the fog will be carried across the infested area. Treat shrubbery and vegetation where mosquitoes may rest, particularly stagnant pools, marshy areas, shore lines and ponds. However, application of this undiluted product to any body of water is prohibited. Repeat treatment as required. Dilution number 5 should be applied at a rate of 5 fl. oz. per acre. The undiluted concentrate should be applied at 3.2 fl. oz. per acre. When using mobile equipment, assuming a 300 ft. swath width, the following flow rates should be used.

Truck Speed M P H.	Flow Rate (fl. oz. per min)	
	No. 5 Dilution	Undiluted
5	15	10
10	30	20

Delivery rates and traveling speeds can be varied slightly to maintain the basic objective of 0.0025 pounds actual pyrethrin per acre.

NOT AVAILABLE COPY

To control: Mosquito larvae

Dilute 15 fluid ounces of Pyrethos PCO Roach Concentrate in 5 gallons of oil and apply at a rate of 5 gallons per acre. Apply as a coarse wetting spray uniformly over wet lands, swamps, marshes, or shallow waters. Do not exceed this dosage or fish kill may result.

To kill wasps and hornets: Using dilution number 2 or 3, spray nests and surrounding surfaces with a jet spray pattern, if possible. Treatment at dusk is recommended when the air is calm and insects have returned to the nest.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent) then offer for recycling or re-conditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Remove pets, birds and cover fish aquaria before spraying. Do not breathe spray mist. Wear mask or respirator of a type recommended by the U.S. Bureau of Mines to give adequate protection against this material. Wear protective clothing. Wash exposed skin surfaces with soap and water after handling and before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

Do not apply as a space spray while food processing is underway. Except in Federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue. Foods should be removed or covered before treatments. All surfaces in processing areas must be washed and rinsed with potable water after spraying.

When using in animal quarters, do not apply directly to food, water or food supplements. Wash teats of dairy animals before milking.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Contact a physician or Poison Control Center immediately. Do not induce vomiting unless directed by a physician. Vomiting may cause aspiration pneumonia.

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

If in Eyes: Flush with plenty of water. Contact a physician if irritation persists.

If on Skin: Remove contaminated clothing and wash affected areas of skin with soap and water.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Apply this product only as directed on this label.

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

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