

WH117 11714-5779 e

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Pattfield American Corp.  
8th and Harrison Street  
Princeton, NJ 08525

*PHS*

**BEST AVAILABLE COPY**

Attention: Lawrence Peller

MAR 20 1985

Gentlemen:

Subject: Pyrethrum General Purpose Aqueous  
Insecticide

EPN Registration No. 4816-479  
Your Letters of January 14, and February 4, 1985

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A) is acceptable 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. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 constitutes acceptance of these conditions.

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

The alternate formulation you submitted with your January 14, 1985 letter is acceptable and will be kept in the file for this product.

Sincerely yours,

Stanley A. Gardner  
Product Manager (17)  
Insecticide-heredenticide Branch  
Registration Division (78-767)

Enclosure  
RD-IRBI; JOB-50332; Gardner; RD-53; EK; Kendrick; 1270; 3/11/85; 3/19/85

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CONCLUSIONS

STANDARD	DATE								

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CODE 720

# Pyrenone<sup>®</sup>

## GENERAL PURPOSE AQUEOUS INSECTICIDE

EPA REG. NO. 4816-479

EPA EST. NO. 279-NY-1

A CONCENTRATED PYRENONE<sup>®</sup> MICRO EMULSION  
- CLEAR - STABLE - LEAVES NO OILY OR OBJECTIONABLE RESIDUES  
EFFECTIVE, FAST ACTING INSECTICIDE  
KILLS AND REPELS BITING FLIES  
FOR USE IN HOMES, INSTITUTIONS, RESTAURANTS  
FOOD PROCESSING PLANTS, DAIRIES, LIVESTOCK AND OUTDOORS FOR  
MOSQUITO CONTROL  
FOR CONTROL OF FLEAS AND BROWN DOG TICKS ON PREMISES AND ON  
PETS  
APPLY WITH CONVENTIONAL MECHANICAL OR COMPRESSED AIR EQUIPMENT

**ACTIVE INGREDIENTS:**

Pyrethrins.....	0.1%
*Piperonyl Butoxide, Technical.....	1.0%
<b>INERT INGREDIENTS:</b> .....	98.9%
	100.0%

\*Equivalent to min. 0.87 (butylcarbityl)(6-propylpiperonyl) ether and 0.27 related compounds.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See back panel for additional cautions.

PYRENONE — Registered Trademark of Fairfield American Corporation

DO NOT TRANSPORT OR STORE UNDER

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAR 20 1984

NET CONTENTS: \_\_\_\_\_

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

4816-479

### DIRECTIONS FOR USE

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

#### INDOOR APPLICATION

The use of this product in food processing establishments should be limited to time periods when the plant is not in operation. Food should be covered during treatment. All food processing surfaces should be thoroughly cleaned with potable water before being treated. Vacate treated areas and ventilate before reoccupying.

For maximum effectiveness, a combination of spot, surface treatment is recommended.

**SURFACE SPRAYING:** To control cockroaches, palmetto bugs, ants, spiders, crickets, clover mites, chigger mites, granary weevils, confused flour beetles, rust red flour beetles, sawtoothed grain beetle, cigarette beetles, drugstore beetles, meal worms and earwigs: Use a good sprayer adjusted to a coarse wet spray. Spray into hiding places, cracks and crevices, under pallet containers of stored goods, around the base of machinery, behind drawers, behind and beneath sinks, stoves, refrigerators and cabinets, around door and window frames, into dark corners and around garbage compactors, garbage chutes and cans. For silverfish bookcases. For ants, spray trails, nests and points of entry. application only is to be used, spray floors and other surfaces at a rate of 1 gallon to 750 square feet of surface.

In case of infested foods in cabinets, dispose of the infested foods. Remove all contents and clean thoroughly. Spray interior surfaces of cabinets thoroughly. After spray has dried, cover shelves with plastic to protect foods from direct contact with sprayed surface.

**To control carpet beetles:** Spray edges of carpeting and under rugs. Make localized application to floor and baseboards, directly into cracks, crevices and infested areas of shelving. Repeat treatment as needed.

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

**To control fleas and brown dog ticks:** Thoroughly spray infested pet beds, resting quarters, nearby cracks and crevices, along baseboards, moldings, window and door frames, and entire areas of floor covering. Fresh bedding should be placed in animal quarters following treatment. Repeat treatment as needed.

**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 areas, directing the spray into cracks, joints and crevices. After infested articles may be treated lightly keeping nozzle at least 6 inches from fabric to avoid staining.

SEE REVERSE SIDE

BEST AVAILABLE COPY

## 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 reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed. Avoid contamination of feed and foodstuffs. Remove pets, birds and cover fish aquaria before space spraying or surface applications.

#### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated.

**IF ON SKIN:** Remove contaminated clothing and wash affected areas with soap and water.

**IF IN EYE:** Flush eyes with plenty of water. Call a physician if irritation persists.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, ponds, streams, tidal marshes or estuaries. Do not contaminate water by cleaning of equipment or disposal of wastes.

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

BATCH



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**SPACE SPRAYING:** Close doors, windows and transoms and shut off ventilating systems. Apply with a good machine adjusted to deliver a fine mist or fog. For rapid control of house flies, fruit flies, gnats, mosquitoes, skinner flies, wasps, hornets, Angoumois grain moths, Mediterranean flour moths, Indian meal moths and tobacco moths: Direct spray at an upward angle distributing it uniformly throughout the entire area at a rate of 3-6 ounces per 1000 cubic feet of space. Do not remain in treated areas. If insects have not dropped to floor in 3 minutes, repeat spraying as quantity sprayed was insufficient. Ventilate the area after treatment is completed. To aid in the prevention of breeding, spray on standing water and in garbage pails.

**FOGGING:** To kill exposed or accessible stages of the above named crawling insects, use a rate of 1 gallon to 20,000 to 40,000 cubic feet of space. Contact insects directly whenever possible.

**ON LIVESTOCK:** To protect cattle, horses and hogs from horn flies, house flies, mosquitoes and gnats apply a light mist sufficient to wet the surface of the hair. To control stable flies, horse flies and deer flies, apply at a rate of 3 ounces per adult animal sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection.

To control blood-sucking lice, apply to the infested areas of the animal, using a stiff brush to get the spray to the base of the hair. Repeat every 2 to 3 weeks if required.

To control poultry lice, spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.

For control of bedbugs and mites in poultry houses, spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide.

**ON PETS:** Start spraying at the tail, moving the dispenser rapidly and making sure that the animal's entire body is covered, including the legs and underbody. While spraying, fluff the hair so that the spray will penetrate to the skin. Make sure spray wets thoroughly. Do not spray into eyes or on face. Avoid contact with genitalia. Repeat as necessary.

#### OUTDOOR APPLICATIONS

**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 shrubbery or vegetation where mosquitoes may rest, (low, marshy places, stagnant pools or ponds and shore lines). Apply at a rate of 2.5 pints per acre (0.1 ounce per 1000 square feet).

Using truck-mounted conventional misting equipment such as Rotomat® models 51C, 91 or 100 HT traveling at 5 m.p.h. to treat a 300 foot swath calibrate equipment to deliver 0.9 gallons per minute.

**OUTDOORS:** Camping, fishing, hunting. Spray outer clothing and surroundings. Repels biting flies, mosquitoes, midges, gnats - if sprayed every hour or so will aid in keeping surroundings free from mosquitoes. If in rare cases skin irritation results, avoid continued contact. Do not pour or squirt - use a good sprayer which will throw a heavy fine mist.