



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, DC 20460

PM 17 4816-567 p. 1/2

OCT 01 1990

OFFICE OF
PESTICIDES AND
TOXIC SUBSTANCES

Mr. Jan Brill
Fairfield American Corporation
809 Harrison Street
Frenchtown, NJ 08825

Dear Mr. Brill:

Subject: Final Printed Labeling
EPA Registration No. 4816-567

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.

Sincerely yours,

Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

PYRENONE[®]

M.A.G.C. 5-1

EPA Reg. No. 4816 567

EPA Est. No. 279 NY-1

For indoor and outdoor applications as a space, area or contact spray. Dependent upon pests to be controlled and the area to be treated, may be applied through Mechanical Aerosol or ULV Generators, Thermal Fogging Equipment as well as conventional fogging or spraying equipment. Designed for use in all areas of official establishments operating under the Meat, Poultry, Shell Egg Grading and Egg Products Inspection Programs.

INDOOR USE AREAS:

- Bakeries
- Beverage Plants
- Canneries
- Flour Mills
- Food Processing Plants
- Grain Elevators
- Granaries
- Homes
- Hospitals
- Hotels
- Industrial Installations
- Meat Packing Plants
- Motels

- Office Buildings
- Railroad Cars
- Restaurants
- Schools
- Ship's Holds
- Storage or Processing Areas of Dried Food Products
- Surfaces of Bags of Stored Food Products
- Supermarkets
- Truck Trailers
- Warehouses

OUTDOOR USE AREAS:

- Cattle Barns
- Corrals
- Dairies
- Drive-In Restaurants
- Drive-In Theaters
- Feedlots
- Golf Courses
- Horse Barns
- Milking Parlors

- Milk Rooms
- Parks
- Playgrounds
- Poultry Houses
- Recreational Areas
- Swine Houses
- Swine lots
- Urban Areas
- Zoos

KEEP OUT OF REACH OF CHILDREN

CAUTION

See label for additional precautions

ACCEPTED
NET CONTENTS

OCT 01 1981

Under the provisions of the Federal Food, Drug, and Cosmetic Act, this product is registered with the EPA. EPA Reg. No. 4816-567



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ACTIVE INGREDIENTS

Pyrethrins	1.0%
*Piperonyl Butoxide	5.0%
**INERT INGREDIENTS	94.0%
	100.0%

*Equivalent to min. 4.0% (butylcarbityl) (6-propylpiperonyl) ether and 1.0% related compounds.

**Contains Petroleum Distillate

PYRENONE Registered Trademark of Fairfield American Corporation

DIRECTIONS FOR USE

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

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried.

Pyrenone M.A.G.C. 5-1 effectively controls the following insects when the applicator follows the directions for use as given below.

- Angoumois Grain Moths
- Ants
- Boxelder Bugs
- Cadellus
- Cheese Mites
- Cheese Skippers
- Cigarette Beetles
- Clover Mites
- Confused Flour Beetles
- Crickets
- Dark Mealworms
- Deer Flies
- Dried Fruit Beetles
- Drugstore Beetles
- Earwigs
- Fleas
- Fruit Flies
- Fungus Gnats
- Gnats
- Grain Mites

- Horn Flies
- Hornets
- Horse Flies
- House Flies
- Indian Meal Moths
- Lice
- Mosquitoes
- Mediterranean Flour Moths
- Mushroom Flies
- Red Flour beetles
- Rice Weevils
- Sawtoothed Grain Beetles
- Silverfish
- Small Flying Moths
- Spiders
- Spider Beetles
- Stable Flies
- Tobacco Moths
- Wasps
- Yellow Mealworms

INDOOR USE, UNDILUTED

The use of this product in food processing or food handling establishments (bakeries, beverage plants, canneries, food processing plants, hospitals, hotels, industrial installations, meat packing plants, restaurants, schools, supermarkets and warehouses) 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 or thoroughly cleaned before reusing.

SPACE AND CONTACT SPRAY APPLICATION

To control accessible adult stages of:

- Fleas
- Flies
- Mosquitoes
- Small Flying Moths
- Wasps
- Hornets
- Clover Mites
- Silverfish

- Cheese Mites
- Cheese Skippers
- Boxelder Bugs
- Earwigs
- Ants
- Cockroaches
- Crickets

and the following common stored product

- Granary Weevils
- Rice Weevils
- Confused Flour Beetles
- Sawtoothed Grain Beetles
- Spider Beetles
- Cigarette Beetles
- Drugstore Beetles
- Angoumois Grain Moths

Close doors and windows and shut mechanical aerosol generator for a fog spray (no droplets over 50 microns if microns). Direct the spray into a equipment, cupboards, obstructions of maximum penetration and impingement space spray, directing the spray toward of the area and behind any obstruction 1000 cubic feet of space. Keep area closed treated area and ventilate before reentry necessary.

TREATMENT OF STORED FOOD AREAS

Foods in multi-walled bags or in closed storage rooms, flour mills, grain elevators To control accessible adult stages of:
Angoumois Grain Moths
Cadellus
Confused flour beetles
Indian Meal Moths
Mediterranean Flour Moths
Rice Weevils
Sawtoothed Grain Beetles
Yellow Mealworms

Infested stored products should be destroyed by other effective methods using an appropriate purpose. As noted above, disperse directing spray into cracks and crevices stacks of packaged goods - hitting as much as possible apply as a space spray at dosage of 1-2 fluid ounces per room space. Repeat application as necessary the treated areas closed for one hour, and ventilate before reentry.

INDOOR USE

SPACE SPRAY APPLICATION: For spraying equipment.

To control accessible stages of:

- Flies
- Mosquitoes
- Fruit Flies
- Gnats

Cover or remove exposed food and edible product areas of food handling equipment off air conditioning or ventilating equipment M.A.G.C. 5-1 with sufficient oil to equate at the rate of 1-2 fluid ounces per 1000 sq. ft. For use in Thermal Fogging Pyrenone M.A.G.C. 5-1 with sufficient oil to equate at the rate of 1-2 fluid ounces per 1000 sq. ft. the room with fog. Keep area closed treated area and ventilate before reentry reinfestation occurs. Do not apply within 24 hours of reentry.

See Rev

IN MUSHROOM PRODUCTION AND PROCESSING:

To control *Mushroom Flies* *Fungus Gnats*

Mix 13 ounces of Pyrethone M A G C 5-1 with sufficient oil to equal 1 gallon of diluted spray. Apply in growing houses at 1 ounce per 1000 cubic feet of space. Fogger should be operated 8 to 10 feet away from beds and directed slightly upwards over them. Circulating fans should be left in operation, but for best results, refrigerators should be turned off. In processing plants, use at a rate of 1 ounce to 2000 cubic feet of space.

SURFACE SPRAY APPLICATION

To control accessible stages of:

<i>Ants</i>	<i>Lice</i>
<i>Boxelder Bugs</i>	<i>Spider Beetles</i>
<i>Clover Mites</i>	<i>Cockroaches</i>
<i>Drugstore Beetles</i>	<i>Crickets</i>
<i>Earwigs</i>	<i>Silverfish</i>
<i>Fleas</i>	

Mix 13 ounces of Pyrethone M A G C 5-1 with sufficient oil to equal 1 gallon of diluted spray. Apply as a coarse droplet spray using approximately 1 gallon to 750 square feet of space. Spray walls, floors and other surfaces of bins and storage and handling areas thoroughly, 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 and around the base of heavy machinery and equipment. Spray insects directly when possible. In Federally inspected meat and poultry plants, food processing operations must be stopped. Application should be repeated in two weeks to kill newly hatched insects (i.e. *lice* and *cockroaches*).

FOR IN-TRANSIT PROTECTION: Clean and spray truck beds, box-cars, and skips' holds before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as stacked.

TREATMENT OF STORED GRAIN

To control accessible adult stages of

Indian Meal Moths *Angoumois Grain Moths*

Apply to the surface of binned grain at a rate of 1 gallon per 1000 square feet. Apply at monthly intervals with the first appearance of moths and continue until early fall. In severe infestations, break up webbing with a rake before spraying and make a second application in two weeks.

TREATMENT OF FLYING INSECTS' RESTING PLACES

To aid in the control of

Mosquitoes *Gnats*
Wasps *Skippers*

Treat walls, ceilings, moldings, screens, door frames, window frames, light cords and similar resting places with the above dilution of Pyrethone M A G C 5-1.

OUTDOOR APPLICATION, UNDILUTED

To control: *Mosquitoes* *Small Flying Moths* *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 area to be treated. 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.

Disperse the Pyrethone M A G C 5-1 at the following flow rates:

Truck Speed (Miles Per Hour)	Flow Rate (Fluid Ounces Per Minute)
5	12-15
10	24-30

Delivery rates and traveling speeds can be varied so long as the basic objective of 0.002 to 0.0025 pounds of actual pyrethrins per acre is maintained. Use a swath width of 300 feet for acreage calculations. pyrethrins per acre is maintained. Use a swath width of 250 feet for acreage calculations.

FOR TEMPORARY REDUCTION OF ANNOYANCE

From: *Flies* *Mosquitoes* *Gnats*

In drive in restaurants, drive in theaters, golf courses, urban areas, parks, playgrounds and other recreational areas. Direct the spray into tall grass, shrubbery and around lawns, where these pests may hover or rest. Apply while the air is still and avoid wetting foliage. Application should be made prior to use. Repeat as necessary.

In the treatment of corrals, feedlots, swine lots and zoos, cover any exposed water, drinking fountains and animal feed bins before application. Fill the area with mist and direct the spray into tall grass, shrubbery and around lawns where the above pests may hover or rest. Apply while the air is still and avoid wetting foliage. In zoos, avoid exposure of reptiles to the product. Repeat as necessary.

OUTDOOR APPLICATION, DILUTED

TO CONTROL MOSQUITO LARVAE: Mix 48 ounces of Pyrethone M A G C 5-1 with sufficient oil to equal 50 gallons of diluted spray. Apply 20 to 25 gallons per acre. Apply as a coarse wetting spray to the border or on the shallow water of wetlands, swamps and marshes known to be infested with *mosquito larvae*.

ANIMAL QUARTER USE (cattle barns, horse barns, poultry houses, swine houses, zoos, milking parlors, milkrooms and dairies):

As a space spray, diluted, for use in conventional mechanical fogging or spraying equipment. To control *Flies*, *Small Flying Moths*, *Mosquitoes*, *Fleas* and *Gnats*.

Mix 13 ounces of Pyrethone M A G C 5-1 with sufficient oil to equal 1 gallon of diluted spray. Apply at the rate of 2 ounces per 1000 cubic feet of space above the animals. Direct the spray towards the upper portions of the enclosure 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.

FOR USE ON ANIMALS

To protect against: *Horn Flies*, *Mosquitoes*, *Fleas*, *House Flies*, *Gnats*

Mix 13 ounces of Pyrethone M A G C 5-1 with sufficient oil to equal 1 gallon of diluted spray. Apply a light mist sufficient to wet the tips of the hair on beef and dairy cattle, horses and dogs.

To protect against: *Stable Flies*, *Deer Flies*, *Horse Flies*

Apply the above dilution at 2 ounces per adult beef cattle, dairy cattle, and horses to sufficiently wet the hair, but not to soak the hide. Repeat this application once or twice daily or as needed to give continued protection.

To control the motile stages of blood-sucking lice on beef and dairy cattle, apply the diluted spray to thoroughly wet the hair. Use 2 ounces or less per animal and repeat every 2 to 3 weeks as required.

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.

CONTAINERS ONE GALLON AND SMALLER: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

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 ON SKIN: Remove contaminated clothing and wash affected areas of skin with soap and water.

IF IN EYES: Flush with plenty of water. Contact a physician if irritation persists.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & 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. In food processing areas including Federally inspected meat and poultry plants, all surfaces in processing areas must be washed and rinsed in 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources.

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