



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

AUG 9 1991

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

Dear Ms. Brill:

Subject: Label Revision  
EPA Reg. No.: 4816-739  
4816-707  
4816-567  
Submission: July 30, 1991

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,

*[Signature]*  
Richard F. Mountfort  
Product Manager 10  
Insecticide & Rodenticide Branch  
Registration Division (H7505C)

# 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	Office Buildings
Beverage Plants	Railroad Cars
Canneries	Restaurants
Flour Mills	Schools
Food Processing Plants	Ship's Holds
Grain Elevators	Storage or Processing
Granaries	Areas of Dried Food
Homes	Products
Hospitals	Surfaces of Bags of
Hotels	Stored Food Products
Industrial Installations	Supermarkets
Meat Packing Plants	Truck Trailers
Motels	Warehouses

### OUTDOOR USE AREAS:

Cattle Barns	Milk Rooms
Corrals	Parks
Dairies	Playgrounds
Drive-In Restaurants	Poultry Houses
Drive-In Theaters	Recreational Areas
Feedlots	Swine Houses
Golf Courses	Swine lots
Horse Barns	Urban Areas
Milking Parlors	Zoos

KEEP OUT OF REACH OF CHILDREN

## CAUTION

See side panel for additional precautions.

NET CONTENTS



FAIRFIELD  
AMERICAN  
CORPORATION  
201 ROUTE 17 NORTH, RUTHERFORD, NJ 07070

567C 073051E

### INGREDIENTS

Pyrethrin	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 Bug  
Caddises  
Cheese Mites  
Cheese Skippers  
Cigarette Beetles  
Clover Mites  
Confused Flour Beetles  
Crickets  
Dark Mealworms  
Deer Flies  
Dried Fruit Beetles  
Drugstore Beetles  
Earwigs  
Flies  
Fruit Flies  
Fungus Gnats  
Gnats  
Grain Mites

Horn Flies  
Hornets  
House Flies  
House Flies  
Indianmeal 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:

Flies  
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 pests:

Granary Weevils  
Rice Weevils

Mediterranean Flour Moths  
Indianmeal Moths

Confused Flour Beetles  
Sawtoothed Grain Beetles  
Spider Beetles  
Cigarette Beetles  
Drugstore Beetles  
Angoumois Grain Moths

Close doors and windows and shut off aerosol generator or a fogger adjacent to all cracks and crevices, voids or dark harborage areas. Direct spray towards the ceiling and upper corners, apply at a rate of 1 ounce per 1000 cu ft. Close doors for at least one hour before reoccupying. Repeat treatment as necessary.

### TREATMENT OF STORED FOODS

Foods in multi-walled bags or in rooms, flour mills, grain elevators, etc. To control accessible adult stages of:

Angoumois Grain Moths  
Caddises  
Confused flour beetles  
Indianmeal Moths  
Mediterranean Flour Moths  
Rice Weevils  
Sawtoothed Grain Beetles  
Yellow Mealworms

Infested stored products should be treated by effective methods using an appropriate dosage of Pyrenone. Note: In cracks and crevices, corners, partitions, etc., hitting as many insects as possible. Dosage of 5 ounces per 1000 cu ft. as necessary for insect control. Do not remain in the treated area.

### INDOOR SPACE SPRAY APPLICATION

equipment. To control accessible stages of:

Flies  
Fruit Flies  
Mosquitoes  
Gnats

Cover or remove exposed product areas of food handling establishments during conditioning or ventilating equipment. Apply M.A.G.C. 5-1 with sufficient oil to the rate of 1-2 fluid ounces per 1000 cu ft. For use in Thermal Fogging Equipment, apply M.A.G.C. 5-1 with sufficient oil to the rate of 1-2 fluid ounces per 1000 cu ft. before reoccupying. Repeat treatment while food processing is underway.

### IN MUSHROOM PRODUCTION

To control: Mushroom Flies

Mix 13 ounces of Pyrenone 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 plants and directed slightly upwards over them. Circulating fans should be kept 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:

*Ants*  
*Boxelder Bugs*  
*Clover Mites*  
*Drugstore Beetles*  
*Earwigs*  
*Fleas*

*Lice*

*Spider Beetles*

*Cockroaches*

*Chickadees*

*Silverfish*

*EP: Reg. No.*

*as amended, for the pesticide*

*registered under*

*Federal Insecticide,*

*and Rodenticide Act*

*Aug 12 1991*

Mix 13 ounces of Pyrenone 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, boxcars, and ships' 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:

*Indianmeal 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 Pyrenone 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 Pyrenone M.A.G.C. 5-1 at the following flow rates:

<u>Truck Speed</u> (Miles Per Hour)	<u>Flow Rate</u> (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 pyrethrin per acre is maintained. Use a swath width of 300 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 Pyrenone 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 Pyrenone 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* and *Gnats*

Mix 13 ounces of Pyrenone M.A.G.C. 5-1 with sufficient oil to equal 1 gallon of diluted spray. Apply a light mist sufficient to wet the tip 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 mobile 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. Food processing surfaces and equipment must be covered during treatment or cleaned with a suitable detergent and rinsed with potable water before reuse.

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.

**ACCEPTED**  
AUG 12 1991  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended under  
EPA Reg. No. 4816-567