

NOV 13 1991

Ms. Helen C. Theodore
Fairfield American Corporation
809 Harrison Street
Frenchtown, NJ 08825

Dear Ms. Theodore:

Subject: Amendment-Additional Precautionary Statement
Pyrenone 25-5 M.A.G.C.
EPA Registration Number 4816-514
Submission dated October 24, 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,

RFM
Richard F. Mountfort
Product Manager (10)
Insecticide-Rodenticide Branch
Registration Division

BEST AVAILABLE COPY

CODE 72025

PYRENONE®

25-5 M.A.G.C.

EPA Reg. No. 4816-514AA

EPA Est. No. 279-NY-1

*** FOR USE BY TRAINED PERSONNEL ONLY.**

*** To be applied only by or under the supervision of Pest Control Operators, Mosquito Abatement Districts, Public Health Organizations and other trained personnel responsible for Insect Control Programs.**

*** For indoor or outdoor application 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 Generators (ULV), Thermal Fogging Equipment as well as other conventional fogging or spraying equipment.**

ACTIVE INGREDIENTS

Pyrethrins	5.0%
*Piperonyl Butoxide, Technical	25.0%
**INERT INGREDIENTS	70.0%
	100.0%

*Equivalent to 20% (butylcarbityl) (6-propylpiperonyl) ether and 5% of related compounds.

**Contains Petroleum Distillate

PYRENONE - Registered Trademark of Fairfield American Corporation

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Contact a physician or Poison Control Center immediately. Do not induce vomiting unless directed to do so 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 affected areas with plenty of water.

IF ON SKIN: Contact a physician if irritation persists.

See rear panel for additional precautions.

NET CONTENTS



FAIRFIELD
AMERICAN

CORPORATION

201 ROUTE 17 NORTH, RUTHERFORD, NJ 07070

SPACE AND/OR CONTACT USE AREAS

Bakeries	Meat Packing Plants
Beverage Plants	Motels
Canneries	Office Buildings
Cattle Barns	Poultry Houses
Dried Food Products	Railroad Cars
in storage or processing	Restaurants
Flour mills	Schools
Food Processing Plants	Stored Food in Multi-
Grain Elevators	Wall Paper or Cloth
Granaries	Bags
Homes	Supermarkets
Horse Barns	Swine Houses
Hospitals	Truck Trailers
Hotels	Warehouses
Industrial Installations	Zoos

OUTDOOR USE AREAS

Corrals	Parks
Drive-in Restaurants	Playgrounds
Drive-in Theaters	Recreational Areas
Feedlots	Residences
Golf Courses	Swine Yards
Municipalities	Zoos

DIRECTIONS FOR USE

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

PYRENONE 25-5 M.A.G.C. is effective in the control of the indicated insects if the applicator follows directions for use as enumerated below:

Angoumois Grain Moths	Horn Flies
Ants	Hornets
Boxelder Bugs	Horse Flies
Caddises	House Flies
Cheese Mites	Indianmeal Moths
Cheese Skippers	Lice
Cigarette Beetles	Mediterranean Flour
Clover Mites	Moths
Cockroaches	Mosquitoes
Confused Flour Beetles	Mushroom Flies
Dark Mealworms	Past Flour Beetles
Deer Flies	Rice Weevils
Dried Fruit Beetles	Sawtoothed Grain
Drugstore Beetles	Beetles
Earwigs	Small Flying Moths
Fleas	Spider Beetles
Fruit Flies	Stable Flies
Fungus Gnats	Tobacco Moths
Gnats	Wasps
Grain Mites	Yellow Mealworms
Granary Weevils	

In hospitals, remove patients before treatment. Ventilate room for 2 hours following treatment before returning patients.

INDOOR USE AS A SPACE SPRAY, 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 controlled or facilities are not in operation covered during treatment. A covered during treatment or before using.

Close windows and doors and a fogger or vaporizer adjust droplets over 50 microns (microns). Apply at a rate Direct the spray toward the area and behind obstruction 15 minutes. Vacate the reoccupying. Repeat treat

The above described application stages of *Fleas, Flies, (in Small Flying Moths, Gn Cheese Mites, Cheese Skippers, Ants, and the following common Weevils, Rice Weevils, toothed Grain Beetles, Drugstore Beetles, Angoumois Flour Moths, Indianmeal Moths, Dark Mealworms, Red Flour Beetles*

DRIED FRUIT PRODUCT control of *Confused Flour Beetles, Indianmeal Moths, or* Remove and destroy infested disperse this product as a and shelves. Do not apply cu. ft. of space. Repeat application month. Leave the room treated areas and ventilation will kill accessible exposure as well as those pests near

STORED FOOD: (Stored in warehouses, storage granaries, for control of *Confused Flour Beetles, Indianmeal Moths, Rice Beetles, Yellow Mealworms, Cigarette Beetles, Dark Mealworms* and destroy infested product, first by directing around stacks of package possible and then treat products should be fumigated methods using an approved Use a dosage of 1 fl. oz. per application as necessary for 1 hour. Do not remain before re-entry. This application stages of those stored products

ACCEPTED
NOV 13 1991
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under
EPA Reg. No. 4816-514

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INDOOR USE AS A SPACE SPRAY, DILUTED: For use in conventional mechanical fogging equipment to kill *Flies, Fruit Flies, Mosquitoes, Small Flying Moths and Gnats*. Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Dilute 1 part of Pyrenone 25-5 M.A.G.C. plus 49 parts of oil (refined kerosene) and mix well. Apply at the rate of 1-2 fl. oz. per 1000 cu. ft. filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

SURFACE SPRAY:

To insure maximum control of crawling insects (*Ants, Boxelder Bugs, Clover Mites, Cockroaches, Drugstore Beetles, Earwigs, Lice, Spider Beetles*) dilute 1 part of Pyrenone 25-5 M.A.G.C. plus 49 parts of oil (refined kerosene) and mix well and apply as a coarse droplet spray using approximately 1 gal. to 750 sq. ft. of surface. Spray walls, floors and other surfaces of bins and storage and handling areas thoroughly, being 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 bases of heavy machinery and equipment. Spray insects directly when possible.

For in-transit protection, clean and spray truck beds, box-cars and ships's holds before loading. Thoroughly treat walls and floors and spray each layer or cartons or containers lightly as stacked.

To control *Indianmeal Moth* and *Angoumois Meal Moth* in stored grain, apply to the surface of binned grain at a rate of 1 gallon per 1000 sq. ft. Apply at monthly intervals with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing with a rake before spraying and make a second application in 2 weeks.

As an aid in the control of Mosquitoes, Gnats, Wasps and Skippers: Treat walls, ceilings, moldings, screens, door and window frames, light cords and similar resting places.

ANIMAL QUARTER USE: (Cattle Barns, Horse Barns, Poultry Houses, Swine Houses, Zoos) As a space spray diluted for use in conventional mechanical fogging equipment to kill *Flies, Mosquitoes, Small Flying Moths and Gnats*. Dilute 1 part of Pyrenone 25-5 M.A.G.C. plus 49 parts oil (refined kerosene) and mix well. Apply at the rate of 2 fl. oz. per 1000 cu. ft. of space above the animals. Direct 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 when reinfestation occurs.

TEMPORARY REDUCTION OF ANNOYANCE from *Flies, Mosquitoes* and *Small Flying Moths* outdoors. The aforementioned application for outdoor ground application will afford temporary reduction of annoyance from these pests in public theaters, golf courses, municipalities, parks, playgrounds and recreational areas. Direct application into tall

grass, shrubbery and around lawns where these pests may hover or rest. Apply while air is still. Avoid wetting foliage. Application should be made prior to attendance. Repeat as necessary.

In additional outdoor areas (corrals, feedlots, swine lots and zoos), cover water, drinking fountains and animal feed before use. Fill area with mist directing application into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while air is still. Avoid wetting foliage. In zoos, avoid exposure of reptiles to the product. Repeat as necessary.

FOR USE ON ANIMALS: To protect beef and dairy cattle, horses and dogs from *Fleas, Horn Flies, House Flies, Mosquitoes* and *Gnats*, dilute 1 part of Pyrenone 25-5 M.A.G.C. plus 49 parts oil (refined kerosene) mix well and apply a light mist sufficient to wet the tips of the hair. To control *Stable Flies, Horse Flies* and *Deer Flies* on beef and dairy cattle and horses, apply 2 oz. per adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment once or twice daily or at intervals to give continued protection. To control the motile stages of *Blood Sucking Lice* on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 oz. or less per animal and repeat every 2 or 3 weeks as required.

IN MUSHROOM PRODUCTION AND PROCESSING: To control *Mushroom Flies* or *Fungus Gnats* in growing houses, dilute 1 part of Pyrenone 25-5 M.A.G.C. plus 49 parts of oil (refined kerosene), mix well and apply at a rate of 1 oz. per 1000 cu. ft. of space. Fogger should be operated 8 to 10 ft. 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. In packing and canning plants, use at a rate of 1 oz. to 2000 cu. ft. of space.

OUTDOOR GROUND APPLICATION UNDILUTED: To control *Adult Mosquitoes, Gnats* and *Small Flying Moths*. For best results, apply when there is a light breeze at approximately 5 miles per hour. Apply from the windward side so the fog will be carried across the area to be treated. Treat shrubbery and vegetation around stagnant pools. Marshy areas and ponds may be treated. Application of this product to any body of water is prohibited. Repeat treatment as required. Using the truck mounted equipment, the objective is to treat the area with .002 to .0025 pounds of pyrethrins and .010 to .0125 pounds of piperonyl butoxide per acre. Pyrenone 25-5 M.A.G.C. should be applied without further dilution. Dispense fog at the following rates depending upon the speed at which the truck is moving:

Truck Speed Miles Per Hour	Flow Rate of PYRENONE 25-5 MAGC Fluid Ounces Per Minute
5	2.1 to 2.6 fluid ounces
10	4.2 to 5.3 fluid ounces

Delivery rate and traveling speeds can be varied slightly so long as the basic objective of .002 to .0025 pounds actual

pyrethrins per acre is maintained. Use a swath width of 300 ft. for acreage calculations.

To control mosquito larvae, dilute at the rate of 9 oz. per 50 gals. of oil and apply at the rate of 20 to 25 gals. per acre. Apply as a coarse wetting spray to the border or on shallow water of wet lands, swamps and marshes where mosquito larvae are known to breed.

STORAGE AND DISPOSAL

Do not contaminate water, food or feeds 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. Do not breathe spray mist. Wear a 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. Remove pets, birds and cover fish aquaria before spraying.

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 all surfaces must be washed with a suitable detergent and rinsed with potable water after spraying.

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, streams, tidal marshes or estuaries. 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 crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply this product only as specified on this label.

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