

ACCEPTED

MAY 8 1988

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 4816-567

CODE 720.00

Pyrenone[®] M.A.G.C. 5-1

EPA Reg. No. 4816-567 EPA Est. No. 279-NY-1

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

OUTDOOR USE AREAS:

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

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

KEEP OUT OF REACH OF CHILDREN.
CAUTION
See rear panel for use cautions.

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NET CONTENTS:

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 indirectly expose workers or other persons. The area being treated must be vacated by workers and other persons. Do not enter treated areas without proper protective clothing until spray has 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	Drugstore Beetles	Mediterranean Flour Moths
Ants	Earwigs	Mushroom Flies
Boxelder Bugs	Fruit Flies	Red Flour Beetles
Cadelles	Fungus Gnats	Rice Weevils
Cheese Mites	Gnats	Sawtoothed Grain Beetles
Cheese Skippers	Grain Mites	Silverfish
Cigarette Beetles	Granary Weevils	Small Flying Moths
Clover Mites	Horn Flies	Spiders
Cockroaches	Hornets	Spider Beetles
Confused Flour Beetles	Horse Flies	Stable Flies
Crickets	House Flies	Tobacco Moths
Dark Mealworms	Indian Meal Moths	Wasps
Deer Flies	Lice	Yellow Mealworms
Dried Fruit Beetles	Mosquitoes	

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	Cheese Mites
Fruit Flies	Mosquitoes	Cheese Skippers
Small Flying Moths	Wasps	Boxelder Bugs
Hornets	Clover Mites	Earwigs
		Ants
		Cockroaches
		Crickets
		Silverfish

and the following common stored product pests

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

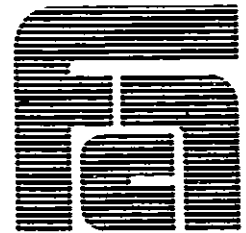
Close doors and windows and shut off ventilating systems. Use a mechanical aerosol generator or a fogger adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Direct the spray first into all cracks and crevices behind all equipment, cupboards, obstructions or dark harborage areas to provide maximum penetration and impingement on the insects. Then treat as a space spray directing the spray towards the ceiling and upper corners of the area and behind any obstructions, apply at a rate of 1 ounce per 1000 cubic feet of space. Keep area closed for at least one hour. Vacate treated area and ventilate before reoccupying. Repeat treatment as necessary.

TREATMENT OF STORED FOOD AREAS

Foods in multi-walled bags or in cloth bags stored in warehouses, storage rooms, flour mills, grain elevators and granaries

To control accessible adult stages of	Angoumois Grain Moths	Cheese Mites
Cadelles	Confused Flour Beetles	Cheese Skippers
Indian Meal Moths	Indian Meal Moths	Cigarette Beetles
Mediterranean Flour Moths	Rice Weevils	Grain Mites
Sawtoothed Grain Beetles	Yellow Mealworms	Granary Weevils
		Dark Mealworms
		Cockroaches
		Red Flour Beetles

Infested stored products should be destroyed, fumigated or treated by other effective methods using an approved product intended for this purpose. As noted above disperse Pyrenone M A G C 5-1 first by directing spray into cracks and crevices, corners, pallets, and around stacks of packaged goods - hitting as many insects as possible and then apply as a space spray at dosage of 5 ounces per 1000 cubic feet of room space. Repeat application as necessary for insect control. Leave the treated areas closed for one hour. Do not remain in the treated area and ventilate before reentry.



FAIRFIELD AMERICAN CORPORATION
238 WILSON AVENUE
NEWARK, N.J. 07105

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. 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: Store in a cool dry place inaccessible to children and pets. Do not reuse empty container. Wrap in several layers of newspaper and discard in trash.

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.

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 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 directions given herewith.

BATCH

Printed in U.S.A.

INDOOR USE: DILUTED

SPACE SPRAY APPLICATION: For use in mechanical fogging or spraying equipment. To control accessible stages of:
Flies, Mosquitoes, Gnats, Small Flying Moths, Fruit Flies

Cover or remove exposed food and cover food handling surfaces in edible product areas of food handling establishments. Close room and shut off air conditioning or ventilating equipment. 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 1-2 fluid ounces per 1000 cubic feet, filling the room with mist. For use in Thermal Fogging Equipment mix 2 1/2 ounces of Pyrethone M.A.G.C. 5-1 with sufficient oil to equal 1 gallon of diluted spray. Apply at the rate of 1-2 fluid ounces per 1000 cubic feet, filling the room with fog. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment if reinfestation occurs. Do not apply while food processing is underway.

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:

Ants, Lice, Boxelder Bugs, Spider Beetles, Clover Mites, Cockroaches, Drugstore Beetles, Crickets, Earwigs, Silverfish

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 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:
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, beams, light cords and similar resting places with the above dilution of Pyrethone M.A.G.C. 5-1.

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 slightly so long as the basic objective of 0.002 to 0.0025 pounds 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 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 56 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 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, House Flies, Mosquitoes, 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, Horse Flies, Deer 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 mite stages of blood sucking lice on beef and dairy cattle, apply the dilute spray to thoroughly wet the hair. Use 2 ounces or less per animal and repeat every 2 to 3 weeks as required.