



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

Sharon M. Johnston  
ROUSSEL UCLAF CORP.  
95 Chestnut Ridge Road  
Montvale, NJ 07645

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 10/08/93 in Response to PR Notice 93-7  
EPA Reg. No. 4816-571  
PYRENONE M.A.G.C. 10-3-34

Dear Registrant:


The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

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James Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)



Recycled/Recyclable  
Printed with Soy/Canola Ink  
contains at least 50% recycled paper

## PYRENONE M.A.G.C. 10-3.34

- FOR TRAINED PERSONNEL ONLY
- To be applied only by or under the supervision of Pest Control Operators, members of Mosquito Abatement Districts or Public Health Organizations and other Trained Personnel responsible for Insect Control Programs
- For indoor and 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 as well as conventional fogging (including Thermo) 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

### ACTIVE INGREDIENTS:

Pyrethrins	3.34%
*Piperonyl Butoxide, Technical	10.00%
**INERT INGREDIENTS	86.66%
	100.00%

\*Equivalent to 8.0% (butylcarbityl)(6-propylpiperonyl) ether and 2.0% related compounds.

\*\*Contains Petroleum Distillate

PYRENONE - Registered Trademark of Roussel Uclaf Corporation

EPA Reg. No. 4816-571

EPA Est. No.

## 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 by a physician. Aspiration is a potential hazard.

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

IF ON SKIN: Wash affected areas with plenty of soap and water.

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

See Side Panel for Additional Precautions

### NET CONTENTS:

Roussel Uclaf Corporation  
95 Chestnut Ridge Road  
Montvale, NJ 07645

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

FEB 16 1994  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

4816-521

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Remove pets, birds and cover fish aquariums before spraying. Do not breathe spray mist. Wear mask or respirator of a type recommended by the United States 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. Do not apply at any time as an undiluted space spray in edible product areas of Federally inspected meat and poultry plants. Foods should be removed or covered before treatments. 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. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

### PHYSICAL OR CHEMICAL HAZARDS

Do not pour or spill near open flame.

### DIRECTIONS FOR USE

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

### 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.

### INDOOR USE AREAS:

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

Railroad Cars  
Homes  
Schools  
Storage or Processing  
Areas of Dried  
Food Products  
Surfaces of Bags of  
Stored Food Products  
Supermarkets  
Truck Trailers  
Warehouses  
Ships' Holds  
Restaurants

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## OUTDOOR USE AREAS:

Cattle Barns  
Corrals  
Drive-in Restaurants  
Drive-in Theaters  
Feedlots  
Golf Courses  
Horse Barns  
Parks

Playgrounds  
Poultry Houses  
Recreational Areas  
Swine Houses  
Swine Lots  
Urban Areas  
Zoos

Pyrenone M.A.G.C. 10-3.34 effectively controls the following insects while the applicator follows the directions for use as given below:

Angoumois grain moth	Horn flies
Ants	Hornets
Boxelder bugs	Horse flies
Cadellles	House flies
Cheese mites	Indian meal moths
Cheese skippers	Lice
Cigarette beetles	Mosquitoes
Clover mites	Mediterranean flour moth
Cockroaches	Red flour beetles
Confused flour beetles	Rice weevils
Crickets	Sawtoothed grain beetles
Dark mealworms	Silverfish
Deer flies	Small flying moths
Dried fruit beetles	Spiders
Drugstore beetles	Spider beetles
Earwigs	Stable flies
Fruit flies	Tobacco moths
Gnats	Wasps
Grain mites	
Granary weevils	

## INDOOR USE, UNDILUTED

This use of the 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. This use is not appropriate at any time in edible product areas of Federally inspected meat and poultry plants. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using.

## SPACE AND CONTACT SPRAY APPLICATION

To control accessible adult stages of:

Flies	Cheese skippers
Fruit flies	Boxelder bugs
Mosquitoes	Earwigs
Small flying moths	Ants
Wasps	Cockroaches
Hornets	Crickets
Clover mites	Silverfish
Cheese mites	

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	Cadellles

Close doors and windows and shut off ventilating systems. Use a mechanical aerosol generator or a fogger adjusted to deliver aerosol droplets (30 microns or less). 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 0.5 oz. 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
Cadellles	Cheese skippers
Confused flour beetles	Cigarette beetles
Indian meal moths	Grain mites
Mediterranean flour moths	Granary weevils
Rice weevils	Dark mealworms
Sawtoothed grain beetles	Cockroaches
Yellow mealworms	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. 10-3.34 first by directing spray into cracks and crevices, corners, under pallets and around stacks of packaged goods - hitting as many insects as possible and then apply as a space spray at dosage of 2 ounces per 1000 cubic feet of room space. Repeat applications as necessary for insect control. Leave the treated areas closed for one hour. Do not remain in the treated area and ventilate before re-entry.

## INDOOR USE, DILUTED

**SPACE SPRAY APPLICATION:** For use in mechanical fogging or spraying equipment.

To control accessible stages of:

Flies	Gnats
Fruit flies	Small flying moths
Mosquitoes	

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 6 ounces of Pyrenone M.A.G.C. 10-3.34 with sufficient oil to equal one gallon of diluted spray. Apply at the rate of 1-2 fluid ounces per 1000 cubic feet, 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. Do not apply while food processing is underway.

## SURFACE SPRAY APPLICATION

To control accessible stages of:

Ants	Lice
Boxelder bugs	Spider beetles
Clover mites	Cockroaches
Drugstore beetles	Crickets
Earwigs	Silverfish

Mix 6 ounces of Pyrenone M.A.G.C. 10-3.34 with sufficient oil to equal one 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.

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**FOR IN-TRANSIT PROTECTION:** Clean and spray truck beds, box cars 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 the 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  
Wasps

Gnats  
Skippers

Treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places with the above dilution of Pyrenone M.A.G.C. 10-3.34.

#### OUTDOOR APPLICATION, UNDILUTED

To control: Mosquitoes Gnats Small flying moths

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. 10-3.34 at the following flow rates:

Truck Speed (Miles Per Hour)	Flow Rate (Fluid Ounces Per Minute)
5	4 to 4.5
10	8 to 8.5

Delivery rates and traveling speeds can be varied slightly so long as the basic objective of 0.002 to 0.0025 pounds actual pyrethrins 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 theaters, drive-in restaurants, 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.

For use in Thermal Fogging Equipment, following the above directions and precautions, dilute Pyrenone M.A.G.C. 10-3.34 by mixing 4 ounces with sufficient fuel oil to equal 1 gallon of spray.

#### OUTDOOR APPLICATION, DILUTED

**TO CONTROL MOSQUITO LARVAE:** Mix 18 ounces of Pyrenone M.A.G.C. 10-3.34 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 wet lands, swamps and marshes known to be infested with mosquito larvae.

**ANIMAL QUARTER USE** (Cattle barns, horse barns, poultry houses, swine houses, zoos): As a space spray, diluted for use in conventional mechanical logging or spraying equipment

To control:

Flies Mosquitoes  
Small flying moths Gnats

Mix 6 ounces of Pyrenone M.A.G.C. 10-3.34 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 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 reinestation occurs. In zoos, avoid exposure of reptiles to this product.

#### FOR USE ON ANIMALS

To protect against:

Horn flies House flies  
Mosquitoes Gnats

Mix 6 ounces of Pyrenone M.A.G.C. 10-3.34 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 motile stages of blood sucking lice on beef and dairy cattle, apply the diluted spray to thoroughly wet the hair. Use two ounces or less per animal and repeat every 2 to 3 weeks as required.

**NOTICE:** Buyer assumes all responsibility for safety and use not in accordance with directions.

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