PM 1) 49:6 964





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OCT 26 1994

SHARON M. JOHNSTON ROUSSELL UCLAF CORP. 95 CHESTNUT RIDGE ROAD MONTVALE, NJ. 07645

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

SUBJECT:

Label Amendment Submission of 10/04/93 in Response to PR Notice 93-7

EPA Reg. No. 4816-567 PYRENONE M.A.G.C. 5-1

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted. You have successfully removed the product from the scope of PR Notice 93-7 and no furthe. alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

As required by section 6(f)(1) of FIFRA, the Agency has published in the Federal Register a notice of receipt of your amendment to delete uses, and has deferred action for 90 days to give affected minor users an opportunity to try to persuade you to retain the uses(s). That comment period has expired and the Agency has approved the amendment. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

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WHAT YOU NEED TO DO NEXT:

Send to EPA one (1) copy of the final printed labeling.

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,

Lames Tempkins, Deputy Chief Registration Support Branch Registration Division (7505W)

Enclosures

PYRENONE® M.A.G.C. 5-1

- 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 Meet, Poultry, Shell Egg Grading and Egg products Inspection Programs.

ACTIVE INGREDIENTS												
Pyrethrins	 	 	 	 	 				 		1.0%	
*Piperonyl Butoxide .	 ٠.	 	 	 	 				 		5.0%	
**INERT INGREDIENTS			 	 	 				 	. §	94.0%	6
										1(00.0%	

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

PYRENONE - Registered Trademark of Roussel Uclaf Corporation.

EPA REG. NO. 4816-567

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 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 imitation persists.

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

OCT 26 1994

Under the Federal Insecticide. Fundicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

4816-567

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 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. 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 when disposing of equipment washwater. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources.

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.

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.

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 Ships' Holds Storage or Processing Areas of Dried Food Products Surfaces of Bags of Stored Food Products Supermarkets Truck Trailers Warehouses

^{**}Contains Petroleum Distillate

OUTDOOR USE AREAS:

Cattle Barns Corrais **Dairies**

Drive-In Restaurants Drive-In Theaters **Feedlots Golf Courses**

Milking Parlors

Horse Barns

Milk Rooms **Parks**

Playgrounds **Poultry Houses** Recreational Areas

Swine Houses Swine Lots Urban Areas

Zoos

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

Angeumois Grain Moths Ants Boxelder Bugs Cadelles 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 Gnats Grain Mites Hom Flies Homets Horse Flies House Flies Indianmeal Moths

Lice Mosquitoes

Mediterranean Flour Moths

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 **Homets**

Silverfish

Cheese Mites Cheese Skippers Boxelder Bugs **Earwigs** Ants Cockroaches **Clover Mites** Crickets

and the following common stored product pests:

Granary Weevils Rice Weevils Confused Flour Beetles Soider Beetles

Sawtoothed Grain Beetles Cigarette Beetles **Drugstore Beetles** Angoumois Grain Moths

Mediterranean Flour Moths

Indianmeal Moths Tobacco Moths Yellow Mealworms Dark Mealworms **Grain Mites Red Flour Beetles** 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 hags or in cloth bags stored in warehouses, storage rooms, flour mills, grain elevators and granaries.

To control accessible adult stages of:

Angoumois Grain Moths Cadellas Confused Flour Beetles Indianmeal Moths Mediterranean Flour Moths Rice Weevils Sawtoothed Grain Beetles

Yellow Mealworms

Cheese Mites Cheese Skippers Cigarette Beetles Grain Mites Granary Weevils Dark Mealworms Cockroaches Red Flour Beetles

Infested stored products should be destroyed, furnigated 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, comers, pallets, and around stacks of packaged goods hitting as many insects as possible and then apply as a space spray at a 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.

INDOOR USE, DILLITED

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

To control accessible stages of:

Flies

Mosquitoes

Small Flying Moths

Fruit Flies Gnats

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 Pyrenone M.A.G.C. 5 - 1 with 115 ounces of a suitable deodorized petroleum solvent (such as Exxon Isopar M, Ashland Low Odor Base Solvent or any high purity odorless mineral spirits) 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 21.5 ounces of Pyrenone 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.

SURFACE SPRAY APPLICATION

To control accessible stages of:

Ants Boxelder Bugs

Clover Mites Drugstore Beetles Earwigs

Spider Beetles Cockroaches Crickets

Silverfish

Floas

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Mix 13 ounces of Pyrenone M.A.G.C. 5 - 1 with 115 ounces of a suitable deodorized petroleum solvent (such as Excon Isopar M, Ashland Low Odor Base Solvent or any high purity odorless mineral spirits) 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 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 Wasps Gnats 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, UNDILLITED

To control:

Mosquitoes

Small Flying Moths

Gnats

For best results, use truck mounted equipment and apply when there is a light breaze 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:

Truck Speed	Flow Rate							
(Miles Per Hour)	(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 pe, 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 snimal 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.

AN!MAL 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 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.

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

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