

PYRENONE®

M.A.G.C. 12.5 - 2.5

In case of medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-xxx-xxxx.

- FOR USE BY TRAINED PERSONNEL ONLY
- To be applied only by or under 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 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) or Thermal Fogging Equipment as well as conventional fogging or spraying equipment.
- May be used over all crops
- The active ingredients are exempt from tolerances when applied to growing crops [see 40 CFR § 180.1001(b)]

For Product Information, Call Toll-Free: 1-800-xxx-xxxx.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing 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 thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

ACTIVE INGREDIENTS:

Pyrethrins.....	2.5%
*Piperonyl Butoxide, Technical.....	12.5%
†OTHER INGREDIENTS:.....	85.0%
	100.0%

Remove pets, birds and cover fish aquaria before spraying.

Do not apply directly to food. Do not apply as a space spray while food processing is underway. Foods should be removed or covered before treatment. Thoroughly wash all food processing surfaces before reuse. In food processing plants and Federally inspected meat and poultry plants, all surfaces in processing areas must be washed and rinsed in potable water after spraying. Except in Federally inspected meat and poultry plants, food processing operations do not have to be stopped while applying a wet spray with care and in accordance with the directions given herewith.

*Equivalent to 10% (butylcarbityl) (6-propylpiperonyl) ether and 2.5% related compounds.
†Contains Petroleum Distillate.

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EPA Reg. No. 4816-570

EPA Est. No.

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

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

ENVIRONMENTAL HAZARDS

- If Swallowed:** Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.
- If Inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
- If on Skin:** Wash with plenty of soap and water. Get medical attention.
- If in Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

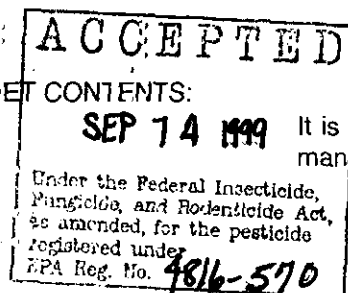
This product is toxic to fish. For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not 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.

See Side Panel for Additional Precautionary Statements

DIRECTIONS FOR USE

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

AgrEvo Environmental Health
95 Chestnut Ridge Road
Montvale, NJ 07645



INDOOR USE AREAS:

- | | |
|--------------------------|-----------------------------|
| Bakeries | Motels |
| Beverage Plants | Office Buildings |
| Canneries | Poultry Houses |
| Cattle Barns | Railroad Cars |
| Dried Food Products | Homes |
| in Storage or Processing | Schools |
| Flour Mills | Stored Food in Multi-Walled |
| Food Processing Plants | Paper or Cloth Bags |
| Grain Elevators | Supermarkets |
| Granaries | Swine Houses |
| HorseBarns | Truck Trailers |
| Hospitals | Warehouses |
| Hotels | Ships' Holds |
| Industrial Installations | Restaurants |
| Meat Packing Plants | Wineries |

OUTDOOR USE AREAS:

- | | |
|----------------------|--------------------|
| Corrals | Playgrounds |
| Drive-in Restaurants | Recreational Areas |
| Drive-in Theaters | Swine Yards |
| Feedlots | Urban Areas |
| Golf Courses | Vineyards |
| Parks | Zoos |

Pyrenone M.A.G.C. 12.5 - 2.5 effectively controls the following insects when the applicator follows the directions for use as given below.

- | | |
|-------------------------------|----------------------------------|
| <i>All Common Diptera</i> | <i>Horn Flies</i> |
| <i>Angoumois Grain Moths</i> | <i>Hornets</i> |
| <i>Ants</i> | <i>Horse Flies</i> |
| <i>Boxelder Bugs</i> | <i>House Flies</i> |
| <i>Cadelles</i> | <i>Indian Meal Moths</i> |
| <i>Cheese Mites</i> | <i>Lice</i> |
| <i>Cheese Skippers</i> | <i>Mosquitoes</i> |
| <i>Cigarette Beetles</i> | <i>Mediterranean Flour Moths</i> |
| <i>Clover Mites</i> | <i>Red Flour Beetles</i> |
| <i>Cockroaches (German)</i> | <i>Rice Weevils</i> |
| <i>Confused Flour Beetles</i> | <i>Saw-toothed Grain Beetles</i> |
| <i>Crickets</i> | <i>Silverfish</i> |
| <i>Dark Mealworms</i> | <i>Small Flying Moths</i> |
| <i>Deer Flies</i> | <i>Spiders</i> |
| <i>Dried Fruit Beetles</i> | <i>Spider Beetles</i> |
| <i>Drugstore Beetles</i> | <i>Stable Flies</i> |
| <i>Earwigs</i> | <i>Tobacco Moths</i> |
| <i>Fleas</i> | <i>Wasps</i> |
| <i>Fruit Flies</i> | <i>Yellow Mealworms</i> |
| <i>Grain Mites</i> | |
| <i>Granary Weevils</i> | |

INDOOR USE, UNDILUTED

The use of this product in food processing or food handling establishments (bakeries, beverage plants, canneries, food processing plant, 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:

- | | |
|-----------------------------|---------------------------|
| <i>Ants</i> | <i>Fleas</i> |
| <i>Boxelder Bugs</i> | <i>Flies</i> |
| <i>Cheese Mites</i> | <i>Fruit Flies</i> |
| <i>Cheese Skippers</i> | <i>Hornets</i> |
| <i>Clover Mites</i> | <i>Mosquitoes</i> |
| <i>Cockroaches (German)</i> | <i>Silverfish</i> |
| <i>Crickets</i> | <i>Small Flying Moths</i> |
| <i>Earwigs</i> | <i>Wasps</i> |

and the following common stored product pests:

- | | |
|-------------------------------|----------------------------------|
| <i>Angoumois Grain Moths</i> | <i>Indian Meal Moths</i> |
| <i>Cadelles</i> | <i>Mediterranean Flour Moths</i> |
| <i>Cigarette Beetles</i> | <i>Red Flour Beetles</i> |
| <i>Confused Flour Beetles</i> | <i>Rice Weevils</i> |
| <i>Dark Mealworms</i> | <i>Saw-toothed Grain Beetles</i> |
| <i>Drugstore Beetles</i> | <i>Spider Beetles</i> |
| <i>Grain Mites</i> | <i>Tobacco Moths</i> |
| <i>Granary Weevils</i> | <i>Yellow Mealworms</i> |

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 0.4 ounces 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:

- | | |
|-------------------------------|----------------------------------|
| <i>Angoumois Grain Moths</i> | <i>Grain Mites</i> |
| <i>Cadelles</i> | <i>Granary Weevils</i> |
| <i>Cheese Mites</i> | <i>Indian Meal Moths</i> |
| <i>Cheese Skippers</i> | <i>Mediterranean Flour Moths</i> |
| <i>Cigarette Beetles</i> | <i>Red Flour Beetles</i> |
| <i>Confused Flour Beetles</i> | <i>Rice Weevils</i> |
| <i>Dark Mealworms</i> | <i>Saw-toothed Grain Beetles</i> |
| <i>German Cockroaches</i> | <i>Yellow Mealworms</i> |

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. 12.5 - 2.5 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 a dosage of 2.5 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, DILUTED

SPACE SPRAY APPLICATION: For use in mechanical fogging or spraying equipment to control accessible stages of:

- | | |
|--------------------|---------------------------|
| <i>Flies</i> | <i>Mosquitoes</i> |
| <i>Fruit Flies</i> | <i>Small Flying Moths</i> |
| <i>Gnats</i> | |

Cover or remove exposed food and cover food handling surfaces in edible product areas of food handling establishments. Close rooms and shut off air conditioning or ventilating equipment. Mix 6 ounces of Pyrenone M.A.G.C. 12.5 - 2.5 with suitable solvent 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 8.5 ounces of Pyrenone M.A.G.C. 12.5 - 2.5 with suitable solvent 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.

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

- | | | |
|-------------|--------------|---------------------------|
| To control: | <i>Fleas</i> | <i>Mosquitoes</i> |
| | <i>Flies</i> | <i>Small Flying Moths</i> |
| | <i>Gnats</i> | |

Mix 2.56 ounces of Pyrenone M.A.G.C. 12.5 - 2.5 with suitable solvent oil to equal one 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 reinfestation occurs.

SURFACE SPRAY APPLICATION

To control accessible stages of:

- | | |
|----------------------|---------------------------|
| <i>Ants</i> | <i>Fleas</i> |
| <i>Boxelder Bugs</i> | <i>German Cockroaches</i> |

- | | |
|--------------------------|-----------------------|
| <i>Clover Mites</i> | <i>Lice</i> |
| <i>Crickets</i> | <i>Silverfish</i> |
| <i>Drugstore Beetles</i> | <i>Spider Beetles</i> |
| <i>Earwigs</i> | |

Mix 6 ounces of Pyrenone M.A.G.C. 12.5 - 2.5 with suitable solvent oil to equal one gallon of diluted spray. Apply as a coarse droplet spray using approximately one 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.

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:

- | | |
|--------------------------|------------------------------|
| <i>Indian Meal Moths</i> | <i>Angoumois Grain Moths</i> |
|--------------------------|------------------------------|

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:

- | | |
|---------------------------|--------------|
| <i>Mosquitoes</i> | <i>Gnats</i> |
| <i>Small Flying Moths</i> | |

Treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places with the above dilution of M.A.G.C. 12.5 - 2.5.

OUTDOOR APPLICATION, DILUTED

USE IN MOSQUITO CONTROL

Pyrenone M.A.G.C. 12.5 - 2.5 may be used for mosquito control programs involving residential, industrial, recreational and agricultural areas as well as swamps, marshes, overgrown waste areas, roadsides and pastures where adult mosquitoes occur. Pyrenone M.A.G.C. 12.5 - 2.5 may be used over all crops because its ingredients are exempt from tolerances when applied to growing crops. For best results, apply when meteorological conditions create a temperature inversion and wind speed does not exceed 10 miles per hour. The application should be made so the wind will carry the insecticidal fog into the area being treated.

Treatment may be repeated as necessary to achieve the desired level of control.

Applications in drive-in theaters, drive-in restaurants, golf courses, urban areas, parks, playgrounds and other recreational areas should be made prior to opening the facilities for use by the public. 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. Allow surfaces to dry before allowing adults, children or pets to enter the area. 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.

When used in cold aerosol generators that produce a fog with the majority of droplets in the 10 – 25 micron VMD range, Pyrenone M.A.G.C. 12.5 – 2.5 should be diluted with light mineral oil or other suitable solvent (specific gravity of approximately 0.8 at 60°F; boiling point: 500 - 840°F). An N.F. grade oil is preferred.

GROUND APPLICATION: To control adult mosquitoes and all common diptera, apply up to 0.0025 pounds of pyrethrins per acre (use a 300 foot swath width for acreage calculations).

Truck-Mounted ULV Application: The delivery rate and truck speed may be varied as long as the application rate does not exceed 0.0025 pounds of pyrethrins per acre (use a 300 foot swath width for acreage calculations).

Backpack Spray Application: Dilute 2.4 parts of Pyrenone M.A.G.C. 12.5 – 2.5 with 12 parts oil and apply at the rate of 7 ounces per acre (based on a 50 foot swath, 7 ounces should be applied while walking 870 feet).

AERIAL APPLICATION (FIXED WING AND HELICOPTER): To control adult mosquitoes and all common diptera, apply up to 0.0025 pounds of pyrethrins per acre with equipment designed and operated to produce a ULV spray application.

TO CONTROL MOSQUITO LARVAE: Mix 18 ounces of Pyrenone M.A.G.C. 12.5 - 2.5 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.

FOR USE ON ANIMALS: To protect against:

Horn Flies
Fleas
Mosquitoes

House Flies
Gnats

Mix 6 ounces of Pyrenone M.A.G.C. 12.5 - 2.5 with suitable solvent oil to equal one gallon of diluted spray. Apply a light mist sufficient to wet the tips of the hair on beef and dairy cattle and horses.

To protect against: **Stable Flies** **Horse Flies**
Deer Flies

Apply the above dilution at two 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.

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 may be disposed of on site 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.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product

are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond AgrEvo Environmental Health's control, it is impossible for AgrEvo Environmental Health to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY OR OF FITNESS FOR PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of AgrEvo Environmental Health is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. AgrEvo Environmental Health disclaims any liability whatsoever for incidental or consequential damages, including, but not limited to, liabilities arising out of breach of contract, express or implied warranty (including warranties of merchantability and fitness for a particular purpose), tort, negligence, strict liability or otherwise.

LIMITATION OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT AGREVO ENVIRONMENTAL HEALTH'S ELECTION, THE REPLACEMENT OF PRODUCT.