



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

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

AUG 1 1991

Mr. Jan Brill  
Fairfield American Corporation  
809 Harrison Street  
Frenchtown, NJ 08825

Subject: Label Change: Automatic Insect Control Systems  
Pyrenone Aqueous 30-3  
EPA Registration #4816-607  
Submission: June 25, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is not acceptable for the reasons given below.

In order to add an automatic insect control system to label instructions you must identify a similar product with identical language.

Sincerely,

A handwritten signature in cursive script that reads "Richard F. Mountfort".

Richard F. Mountfort  
Product Manager 10  
Insecticide & Rodenticide Branch  
Registration Division (H7505C)

**BEST AVAILABLE COPY**

RECEIVED  
AUG 1 1991  
EPA  
OFFICE OF  
PESTICIDES AND  
TOXIC SUBSTANCES  
WASHINGTON, D.C.

# Pyrenone®

Aqueous 30-3

EPA Reg. No. 4816-607

EPA Est. No. 279-NY-1

- \* **An Insecticide Spray Concentrate**
- \* **For use in Food Processing and Storage, Mushroom Houses, Hospitals, Hotels, Motels, Restaurants, Other Institutions and in Residences**
- \* **For use in Automatic Insect Control Systems in Horse Barns and Dairy Farms**
- \* **Authorized for use in all departments of official establishments operating under the meat, poultry, shell egg grading and egg products inspection programs**
- \* **Provides rapid kill of insects without leaving objectionable residues**
- \* **Food additive tolerances have been established for the insecticide components in this product. When this product is used as directed, allowable tolerance levels will not be exceeded.**
- \* **Kills Gypsy Moth, Caterpillars and Japanese Beetles**

## ACTIVE INGREDIENTS:

Pyrethrins .....	3.0%
*Piperonyl Butoxide, Technical .....	30.0%
**INERT INGREDIENTS .....	67.0%
<b>TOTAL:</b>	<b>100.0%</b>

\*Equivalent to min. 24.0% (butylcarbityl)(6-propylpiperonyl) ether and 6.0% related compounds

\*\*Contains Petroleum Distillate

PYRENONE - Registered Trademark of Fairfield American Corporation

KEEP OUT OF REACH OF CHILDREN

**WARNING**

See reverse side for additional precautions

NET CONTENTS: \_\_\_\_\_



FAIRFIELD  
AMERICAN  
CORPORATION

72225 011891

## DIRECTIONS FOR USE

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

To prepare dilutions, the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water and blend thoroughly. This will produce a stable micro-emulsion.

For maximum effectiveness, a combination of localized surface application and space treatment is recommended.

**AS A SURFACE SPRAY** For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 14 parts water (8.5 fluid ounces per gallon). This dilution may not be used in edible product areas of Federally inspected meat and poultry plants. In these plants and for normal infestations dilute 1 part concentrate in 29 parts water (4.3 ounces per gallon).

To control *Cockroaches, Ants, Silverfish, Spiders, Crickets, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confuse-1 Flour Beetles, Rust Red Flour Beetles, Sawtoothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Meal Worms, Grain Mites, and Caddises*: Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, behind shelves and drawers. Spray bookcases for *Silverfish*. Spray ant trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces applying at a rate of 1 gallon to 750 square feet of surface.

To control *Carpet Beetles*, spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving. Repeat treatment as needed.

To control *Bedbugs*: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment as needed.

To control *Fleas and Brown Dog Ticks*: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames and localized areas of floor and floor coverings. Fresh bedding should be placed in animal quarters following treatment. To kill *Fleas and Ticks* on cats and dogs, and to obtain protection against reinfestation, dilute at 1 part concentrate to 49 parts water (2.5 fluid ounces per 1 gallon) and wet the animal by dipping or spraying.

**AS A SPACE SPRAY** Dilute at a rate of 1 part concentrate to 59 parts water. Use in mechanical or commercial ventilation systems just to deliver a full flow of air. Use in off ventilating systems for *Fruit Flies, Gnats, Flies, Mosquitoes, Angoumois Moths, Indian Meal Moths*, etc. at an upward angle area at a rate of 1 part concentrate to 59 parts water. area closed for at least 1 hour. dead insects before use.

For rapid kill of insects named on this label, dilute at a rate of 1 part concentrate to 59 parts water (4 to 25 ounces per gallon). Use in mechanical or commercial ventilation systems just to deliver a full flow of air. Use in off ventilating systems for *Fruit Flies, Gnats, Flies, Mosquitoes, Angoumois Moths, Indian Meal Moths*, etc. at an upward angle area at a rate of 1 part concentrate to 59 parts water. area closed for at least 1 hour. dead insects before use.

Do not apply as a space spray while food processing is underway. Except in food processing areas, when applied in accordance with the label, this product is not to be used in food processing operations as an undiluted spray. In Federally inspected food processing areas, the product must be removed or covered before use. In food processing areas, the product must be removed or covered before use. In food processing areas, the product must be removed or covered before use.

**IN MUSHROOMS** To control *Adult Mushrooms*, dilute at a rate of 1 part concentrate to 59 parts water. Use in mechanical or commercial ventilation systems just to deliver a full flow of air. Use in off ventilating systems for *Fruit Flies, Gnats, Flies, Mosquitoes, Angoumois Moths, Indian Meal Moths*, etc. at an upward angle area at a rate of 1 part concentrate to 59 parts water. area closed for at least 1 hour. dead insects before use.

**BEST AVAILABLE**

**WATER SYSTEM TREATMENT OF HYDROPONICALLY GROWN VEGETABLES:** For control of *Aquatic Diptera Larvae*, depending on severity of infestations, treat with 0.1, 0.01 or 0.001 ppm pyrethrins, dilutions should be made as follows:

0.1 ppm	12.8 ml (2.6 teaspoons) of concentrate in 1000 gallons of water
0.01 ppm	1.3 ml (0.26 teaspoons) of concentrate in 1000 gallons of water.
0.001 ppm	0.13 (0.03 teaspoons) of concentrate in 1000 gallons of water.

**OUTDOORS:**

To kill *Gypsy Moth, Caterpillars and Adults, Adult Japanese Beetles and Eastern and Forest Tent Caterpillars* on contact, combine 1:0 fluid ounce of concentrate per 1 gallon of water. Apply to insure thorough coverage of upper and lower surfaces.

**ON TREES AND SHRUBS:** Treat trees and shrubs as soon as insects emerge (usually late spring). Treat leaves, branches and tree trunks evenly, making sure to penetrate dense foliage. Repeat application every 7 days as necessary for control.

**ON ROSES AND IN FLOWER GARDENS:** Treat plants and flowers as soon as insects appear. Spray plants and flowers making sure to penetrate dense foliage. Repeat application every 7 days or as necessary for control.

**ON HORSES, DAIRY AND BEEF CATTLE:**

To control *Horn Flies, House Flies, Mosquitoes* and *Gnats*, dilute at the rate of 1 part concentrate to 119 parts water (1 fluid ounce per gallon) and apply to wet the hair thoroughly with particular attention to the topline, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers.

To control *Stable Flies, Horse Flies, and Deer Flies*, dilute 1 part concentrate to 29 parts water (4.3 fluid ounces per gallon) and apply a quart per adult animal to wet the hair thoroughly with particular attention to the legs, flanks, barrel, topline and other body areas commonly attacked by these flies. Repeat treatment each week or as needed.

For use in overhead automatic insect control systems to control *House Flies, Horse Flies, Stable Flies, Deer Flies, Ants, Roaches, Fleas, Ticks, Gnats* and *Mosquitoes*, depending on severity of infestation, treat with 0.1, 0.075, 0.067 or 0.05% pyrethrins by diluting with clean water as follows:

0.1%	1 part concentrate to 29 parts water
0.075%	1 part concentrate to 39 parts water
0.067%	1 part concentrate to 44 parts water
0.05%	1 part concentrate to 59 parts water

Mix well and set nozzles to deliver 1 ounce liquid per minute. Locate nozzles to cover maximum of 2000 ft<sup>2</sup> space. Set timer to operate 6 - one minute cycles per 24 hours.

**STORAGE AND DISPOSAL**

**Containers Larger Than One Gallon:**

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:**

**STORAGE:** Store in original container in a cool, dry place inaccessible to children and pets.

**DISPOSAL:** Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
WARNING**

Concentrate causes substantial but temporary eye injury. Do not get in eyes or on clothing. When handling concentrate, wear goggles or face shield (non-domestic uses) or safety glasses (domestic uses). 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.

**STATEMENT OF PRACTICAL TREATMENT**

**If In Eyes:** Immediately flush eyes with copious amounts of cool water for 15 minutes. Get prompt medical attention.

**If Swallowed:** Promptly drink a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician or Poison Control Center immediately. Do not induce vomiting unless under a physician's care. This product contains petroleum distillate. Vomiting may cause aspiration pneumonia.

**If On Skin:** Rinse affected area with plenty of water. Get medical attention if irritation persists. Remove contaminated clothing and wash with soap and water before reuse.

**If Inhaled:** Remove victim to fresh air. Apply artificial respiration if indicated. Give nothing by mouth to an unconscious person. Get medical attention if indicated.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

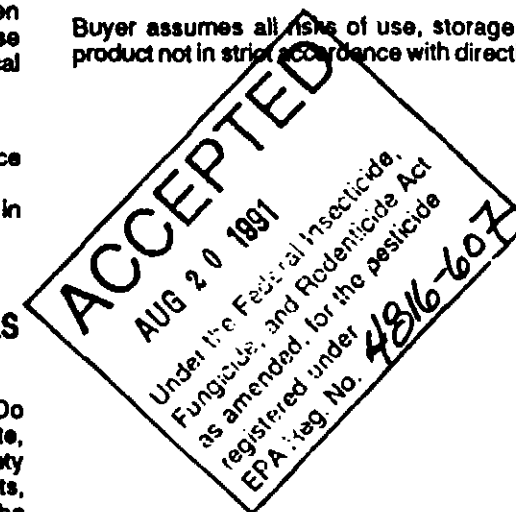
**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes and estuaries. Do not contaminate water by cleaning of equipment or disposal of wastes.

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use or store near heat or open flames.

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



**BEST AVAILABLE COPY**