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AUG 2 1989

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

Dear Mr. Brill:

Subject: Pyrethrum Mosquito Spray Concentrate  
EPA Registration No. 4816-331  
Your Letter Dated July 27, 1989 which included  
Revised Labeling and an Updated Confidential  
Statement of Formula

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. Please make the following changes on your next set of printed labels.

1. Change the following STATEMENT OF PRACTICAL TREATMENT:

IF IN EYES: Flush with water for approximately 15 minutes . . .

to:

IF IN EYES: Flush with plenty of water . . . .

2. Correct the following typographical error found in the Truck Mounted ULV Machine Directions for Use: "The discharge nozzle . . . approximately 300 ° above . . ." should be changed to "The discharge nozzle . . . approximately 30 ° above . . . ."

51242:I:Bagley:LH-19:KENCO:7/12/90:8/11/90:EK:jh:ek

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

The Confidential Statement of Formula is acceptable and has been added to your file. A stamped copy of the label is enclosed for your records.

Sincerely yours,



Phil Hutton  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

CODE 72372

# PYRENONE® MOSQUITO SPRAY CONCENTRATE

EPA Reg. No. 4816-331 EPA Est. No. 279-NY-1

- \* Contains pyrethrins (0.5 lb/gal).
- \* To be used as a space spray by air and ground application for the control of adult mosquitoes.
- \* May be used in all outdoor areas including mosquito control over crop lands.
- \* May also be used as a mosquito larvicide.
- \* Can be diluted with oil or water.

### ACTIVE INGREDIENTS:

Pyrethrins .....	0.0%
Piperonyl Butoxide, Technical .....	80.0%
INERT INGREDIENTS: .....	34.0%
	100.0%

\*Equivalent to 48% (butylcarbityl)(5-propylpiperonyl) ether and 12% related compounds.

†Contains Petroleum Distillate

PYRENONE - Registered Trademark of Fairfield American Corporation

This concentrate may be diluted or used as supplied for mosquito control programs involving residential, industrial, recreational and agricultural areas, swamps, marshes, overgrown waste areas, roadsides and pasture where adult mosquitoes occur. It may be used in agricultural areas over crops. Best results are expected by application when the meteorological conditions favor an inversion of temperatures in the area treated, and when the wind is not excessive. Repeated applications may be made as needed to obtain the desired reduction in adult mosquitoes.

### Applications can be made with:

LECO ULV Cold Aerosol Generator, Model HD;  
HD Hudson # 4712 Back Pack; Microgen; Curtis;  
London Air  
or other such equipment.

**General:** This Concentrate is designed for dilution with light mineral oil (s.g. approximately 0.8@ 60°F - b. p. 500-840°F) for use in cold aerosol generators which produce a fog in which the majority of particles are in the 5 to 50 micron range. An N.F. grade oil is preferred.

Best results are obtained by application when there is a slight breeze of 5 miles per hour or less. Fog with the breeze so that wind will carry fog from roads or paths into the area to be treated. Repeat applications as needed to obtain desired reduction in adult mosquito population.

### OUTDOOR GROUND APPLICATION:

To control:

- Adult Mosquitoes
- Gnats
- Small Flying Moths
- Houseflies

For ground applications, the objective is to treat an acre with a dose not to exceed .0025 pounds of pyrethrins and .0125 pounds of piperonyl butoxide per acre.

**For Truck Mounted ULV Machine:** Add 1 part of PYRENONE® Concentrate with 0.2 parts (wt.) of oil to give a solution containing 5% pyrethrins plus 5% piperonyl butoxide. Fog this solution with a discharge rate of 2 to 2.25 fluid ounces per minute while machine is moving 5 m.p.h. and pressure is set at 3 lbs./sq. in. The discharge nozzle should be positioned approximately 300' above horizontal off the side of truck bed. Delivery rate and traveling speed can be varied slightly so long as the basic objective of .002 to .0025 pounds actual pyrethrins per acre is maintained. Use swath width of 300 ft. for acreage calculations.

**For HUDSON Backpack Sprayer or similar equipment:** The target dose rate of 0.002 - 0.0025 lbs. active pyrethrins per acre is the same as for application by truck mounted equipment (see above). Dilute 1 part of PYRENONE® Concentrate with 12 parts of oil (by weight) to give a solution containing 0.48% pyrethrins and 4.8% piperonyl butoxide. Fog this solution at the rate of 7 fl. oz. per acre, based on a 50-foot killing swath. The individual should walk forward approximately 870 ft. during discharge of the 7 fl. oz. (equivalent to 2 miles per hour).

### AIRCRAFT APPLICATION: FIXED WING AND HELICOPTER

To control: Adult Mosquitoes  
This pesticide may be applied by air with equipment designed and operated to produce a suitable L.V. (Ultra Low Volume)

spray application, which meets the dosage per acre or given for ground ULV application.

### To control: Mosquito Larvae

Dilute at the rate of 7 ounces per 50 gallons of oil or water apply at the rate of 20 to 25 gallons per acre. Apply a fine mist uniformly over wet lands, swamps, marshes or water where larvae may breed. Do not exceed this or fish kill may result.

Always clean equipment for diluting PYRENONE® Concentrate so as not to contaminate environment.

### STORAGE AND DISPOSAL

#### For containers larger than one gallon:

Do not contaminate water, food or feed by storage or PESTICIDE STORAGE AND SPILL PROCEDURE: upright at room temperature. Avoid exposure to temperatures. In case of spill or leakage, soak up absorbent material such as sand, sawdust, earth, kelp, etc. Dispose of with chemical waste.

PESTICIDE DISPOSAL: Pesticide, spray moisture water that cannot be used according to label instructions be disposed of at or by an approved waste disposal facility. CONTAINER DISPOSAL: Triple rinse (or equivalent) for recycling or reconditioning, or puncture and dispose sanitary landfill or by other approved State and local dures.

#### For containers one gallon and smaller:

STORAGE: Store in original container in a cool, inaccessible to children and pets. DISPOSAL: Do not reuse container. Wrap container in layers of newspaper and discard in trash.

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

Harmful if swallowed. Do not get in eyes. Wash thoroughly with soap and water after handling and before eating or drinking. Wash all contaminated clothing with soap and hot water before reuse.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crab and other organisms. Keep out of lakes, streams and ponds (except used as a mosquito larvicide - then used only on borders of those areas). Shrimp and crab may be present in application rates recommended on this label. Do not apply where runoff is likely to occur. Do not apply where conditions favor drift from areas treated. Do not cover water when disposing of equipment washwaters.

### PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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

## 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. This product contains petroleum distillate and vomiting may cause aspiration pneumonia.

**IF IN EYES:** Flush with water for approximately 15 minutes. Contact a physician if irritation persists.

**IF ON SKIN:** Remove contaminated clothing. Flush skin with plenty of soap and water. Contact a physician if irritation persists.

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

See side panel for additional precautions

### DIRECTIONS FOR USE

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

This is a highly concentrated product designed to be diluted before use in either water or oil.

This concentrate is formulated to be diluted with a suitable oil diluent, such as, but not restricted to, light mineral oil, deodorized kerosene or similar petroleum distillates for use in cold aerosol generators. May be diluted with water.

In EPA Letter D-88-11

AUG 02 1990

### NET CONTENTS

Fairfield American Corporation  
201 Route 17 North, Rutherford, NJ 07070

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