

MAR 12 1991

Ms. P. Leanne Pruett  
Fairfield American Corporation  
809 Harrison Street  
Frenchtown, NJ 08825

Dear Ms. Pruett:

Subject: Revised Labels  
Multi-Purpose Alleviate Insecticide Concentrate  
EPA Registration No. 4816-575  
Alleviate 25-2 H.A.G.C.  
EPA Registration No. 4816-631  
Your Submission Dated February 20, 1991

The labeling referred to above, submitted in connection with  
registration under the Federal Insecticide, Fungicide, and Rodenticide  
Act, as amended, is acceptable. A stamped copy is enclosed for your  
records.

Sincerely yours,

*RFM*  
Richard F. Mountfort  
Product Manager (10)  
Insecticide-Rodenticide Branch  
Registration Division (N7505C)

Enclosure

62471;L:A-4;Mountfort;L10-6;KEYRIC;03/07/91;04/05/91;DD;wo;DD;av

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

# ALLEVIATE®

## 25-2 M.A.G.C.

EPA Reg. No. 4816-631

EPA Est. No. 279-NY-1

- \* For indoor or outdoor application as a space, area or contact spray.
- \* May be applied through Mechanical Aerosol Generators (ULV) as well as conventional fogging 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**

dl-allethrin d-trans chrysanthemate .....2.16%

\*Piperonyl Butoxide, Technical .....25.00%

\*\*INERT INGREDIENTS .....72.84%

100.00%

\*Equivalent to min. 20% (butylcarbityl) (6-propylpiperonyl) ether and 5% related compounds.

\*\*Contains Petroleum Distillate

ALLEVIATE - Registered Trademark of Fairfield American Corporation.

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

**IF ON SKIN:** Remove contaminated clothing and wash affected areas of skin with soap and water.

See rear panel for additional precautions.

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

**DIRECTIONS FOR USE**

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

**INDOOR USE AREAS:**

Bakeries  
Beverage Plants  
Canneries  
Dried Food Processing  
Flour Mills  
Food Processing Plants  
Grain Elevators  
Granaries  
Homes  
Horse Barns  
Hospitals  
Hotels  
Industrial Installations

**OUTDOOR USE AREAS:**

Corrals  
Drive-in Restaurants  
Drive-in Theaters  
Golf Courses  
Parks

Meat Packing Plants  
Motels  
Office Buildings  
Railroad cars  
Restaurants  
Schools  
Stored Food Areas  
Supermarkets  
Truck Trailers  
Warehouses  
Zoos

Playgrounds  
Recreational Areas  
Urban Areas  
Zoos

This product is effective in the control of the indicated insects if the applicator follows the directions given below:

Angoumois Grain Moths  
Ants  
Boxelder Bugs  
Caddisflies  
Cheese Mites  
Cheese Skippers  
Cigarette Beetles  
Clover Mites  
Confused Flour Beetles  
Dark Mealworms  
Deer Flies  
Dried Fruit Beetles  
Drugstore Beetles  
Earwigs  
Fruit Flies  
Fungus Gnats  
Gnats  
Grain Mites  
Granary Weevils  
Yellow Mealworms

Horn Flies  
Hornets  
Horse Flies  
House Flies  
Indianmeal Moths  
Lice  
Mediterranean  
Flour Moths  
Mosquitoes  
Mushroom Flies  
Red Flour Beetles  
Rice Weevils  
Sawtoothed Grain  
Beetles  
Small Flying Moths  
Spider Beetles  
Stable Flies  
Tobacco Moths  
Wasps

**INDOOR USE, UNDILUTED:**

The use of this product in food processing or food handling

meat packing plants, restaurants, warehouses) should be controlled. If plants or facilities are not in good condition at any time in edible product and poultry plants. Food during treatment. All food covered during treatment. Hospital patients should be removed before re-entry. Close ventilating systems. Use a 1/2 ounce per 1000 cubic feet the ceiling and upper corners. Keep the area closed the treated area and ventilate treatment as necessary.

The above described applications stages of Flies (including Flying Moths, Gnats, Wasps, Cheese Mites, Cheese Skippers, Ants, and the following common Weevils, Rice Weevils, toothed Grain Beetles, Spider Beetles, Drugstore Beetles, Angoumois Flour Moths, Indianmeal Yellow Mealworms, Dark Mealworms and Red Flour Beetles).

**DRIED FRUIT PRODUCTS:** Confused Flour Beetles, Dried Fruit Beetles, and Sawtoothed Grain Beetles. Remove and store above, disperse this product above the trays and shelves. one ounce per 1000 cubic feet at this dosage in any given month one hour. Do not remain in treated area before re-entry.

**STORED FOOD:** (Stored in ) in warehouses, storage rooms control of Angoumois Grain Flour Beetles, Indianmeal Moths, Rice Weevils, Sawtoothed Grain Beetles, Cheese Mites, Mealworms, Grain Mites, Granary Weevils, and Red Flour Beetles. Remove and store.

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Disperse this product first by directing spray into corners, under pallets, and around stacks of packaged foods, hitting as many insects as possible, and then use as a space spray. Infested stored products should be fumigated or treated by other effective methods with an approved product intended for this purpose. Use a dosage of 1 fluid ounce per 1000 cubic feet of room space. Repeat application as necessary for insect control. Leave room closed for 1 hour. Do not reenter treated areas and ventilate before re-entry. \*\*\*

#### INDOOR USE, DILUTED

**SPACE SPRAY:** For use in conventional mechanical logging equipment, to kill *Flies, Fruit Flies, Mosquitoes, Small Flying Moths and Gnats*. Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Dilute 1 part of this product plus 49 parts of base oil and mix well. 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:** To insure maximum control of crawling insects (*Ants, Booklice, Beetles, Spider Beetles, Earwigs, Lice, Spider Beetles*), dilute 1 part of this product plus 49 parts of base oil, mix well, and apply as a coarse droplet spray using approximately 1 gallon to 750 square feet of surface. Thoroughly spray walls, floors and other surfaces of bins and storage and handling areas, 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. Treat 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 lightly spray each layer of cartons or containers as they are stacked.

As an aid in the control of *Mosquitoes, Gnats, Wasps and Skippers*, treat walls, ceilings, moldings, screens, door and window frames, light cords and similar resting places.

#### FEDERALLY INSPECTED MEAT AND POULTRY PLANTS:

For the control of exposed stages of *Cockroaches, Silverfish, Waterbugs, Earwigs, Ants, Spiders, Flies, Fruit Flies, Small Flying Moths and Gnats*. Use as a spray only when the plant is not in operation. Cover or remove exposed food products and packaging materials. Dilute one part concentrate with 5 parts insecticide base oil and use with a fogging device. Apply the spray into all cracks and crevices in woodwork, walls, floors, beneath sinks, behind pipes and in all places where insects may shelter, contacting as many insects as possible. Then apply as a space treatment at the rate of 1 ounce per 1000 cubic feet of room space. Repeat as necessary. Equip-

ment and utensils must be thoroughly rinsed with potable water before operations are resumed.

**HORSE BARN AND ZOOS:** For use in conventional mechanical fogging equipment to kill *Flies, Mosquitoes, Small Flying Moths and Gnats*: dilute 1 part of this product plus 49 parts of base oil and mix well. Apply at the rate of 2 fluid ounces per 1000 cubic feet of space above the animals. For use on non-edible horses only. Direct spray towards the upper portions of the enclosure, filling the room with mist. Keep areas closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment if reinfestation occurs.

#### OUTDOOR APPLICATION, UNDILUTED:

For best results in the control of *Adult Mosquitoes, Gnats and Small Flying Moths*, apply where there is a light breeze at 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 vegetables around stagnant pools, marshy areas and ponds where *Mosquitoes* may rest. Repeat treatment as required.

To control *Mosquito Larvae*, dilute at the rate of 9 ounces per 50 gallons of oil and apply at the rate of 20 to 25 gallons per acre. Apply as a coarse wetting spray to the border of shallow water of wet lands, swamps, and marshes, where *Mosquito Larvae* are known to breed. For temporary reduction of annoyance from *Flies, Mosquitoes and Small Flying Moths* in public gathering places (drive-in restaurants, drive-in theaters, golf courses, municipalities, parks, playgrounds, and recreational areas), use the above procedure for ground applications. Direct the spray into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while air is still. Avoid wetting foliage. In zoos, avoid exposure of reptiles to the product. Repeat as necessary.

#### 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.

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

##### CAUTION

Harmful if swallowed. 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 hot water before reuse. Remove pets, birds and cover fish aquaria before spraying.

Do not apply as a space spray while food processing is underway. 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 during treatment. 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.

#### ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes) Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

Buyer assumes all risk of use, storage or handling of this product