



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

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

23 JAN 1992

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

Subject: USDA Authorization
Alleviate Aqueous I
EPA Registration No. 4816-664
Submission: December 5, 1991
USDA letter: January 9, 1992

Dear Ms. Pruett:

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,

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

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

ALLEVIATE®

AQUEOUS I

EPA Reg. No. 4816-664

EPA Est. No. 279-NY-1

EFFECTIVE, FAST ACTING AQUEOUS INSECTICIDE
MULT-USE FORMULATION
READY-TO-USE

ACTIVE INGREDIENTS

| | |
|---|----------|
| d/allethrolone d-trans chrysanthemate | 0.100% |
| *Piperonyl Butoxide, Technical | 0.800% |
| **INERT INGREDIENTS | 99.092% |
| | 100.000% |

*Equivalent to 0.64% (butylcarbityl) (6-propylpiperonyl) ether and 0.16% related compounds

ALLEVIATE- Registered Trademark of Fairfield American Corporation.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Induce vomiting by touching finger to back of throat. Call a physician or Poison Control Center.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash skin with soap and water.

IF INHALED: Remove affected person to fresh air. Apply artificial respiration if indicated.

See label for additional precautions

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 4816-664



FAIRFIELD
AMERICAN
CORPORATION

201 ROUTE 17 NORTH, RUTHERFORD, NJ 07070

864L 120801

ALLEVIATE AQUEOUS I IS FOR USE IN:

| | |
|--|--|
| <p>Apartments Bakeries Beverage Plants Bottling Plants Box Cars Canneries Cattle Barns Dried Food Products In Storage or Processing Dumpsters Flour Mills Food Processing Plants Garages Grain Elevators Granaries Grocery Stores Homes Horse Barns Hotels Hospitals Hospitals Indoor Parking Lots</p> | <p>Industrial Installations Institutions Locker Rooms Log Cabins Mails Meat Packing Plants Milk Rooms Mobil Homes Moving Vans Office Buildings Public Building Railroad Cars Restaurants Schools Ships' Holds Supermarkets Syrup Plants Theaters Truck Trailers Utility Closets and Rooms Warehouses</p> |
|--|--|

CONTROLS ON CONTACT EXPOSED OR ACCESSIBLE STAGES OF:

Angoumois Grain Moths
Ants
Bedbugs
Boxelder Bugs
Caddisflies
Carpenter Beetles
Centipedes
Cigarette Beetles
Cheese Mites
Clothes Moths
Clover Mites
Cockroaches
Confused Flour Beetles
Crickets
Deer Flies
Drugstore Beetles
Earwigs
Face Flies
Flat Beetles
Flies
Firebrats
Flour Beetles
Fruit Flies
Fungus Gnats
Gnats
Grain Mites
Granary Weevils
Ground Beetles

Horn Flies
House Flies
Indianmeal Moths
Meal Worms
Mediterranean Flour Moths
Millipedes
Mosquitoes
Palmetto Bugs
Pillbugs
Red Flour Beetles
Rice Weevils
Rusty Grain Beetles
Sand Flies
Sawtoothed Grain Beetles
Scorpions
Silverfish
Skippers
Skipper Flies
Small Flying Moths
Sowbugs
Spiders
Spider Beetles
Springtails
Stable Flies
Ticks
Tobacco Moths
Waterbugs

DIRECTIONS FOR USE

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

Do not apply directly to food. Do not apply space spray while food processing is underway. Foods should be removed or

CODE 72056

covered before treatment. The ing surfaces before reuse. A inspected and other meat processing plants, all equipment where exposed food will be h effective cleaning compound rinse. When spraying hoses removed and the rooms air before returning patients.

SPACE SPRAY: For rapid *Flies, Mosquitoes, Gnats, S* listed flying insects: Close ventilating systems. Apply deliver a fine mist. Direct the of the room to fill the entire are per 1000 cubic feet of space ventilate before reoccupying. minutes after treating. Repeat

SURFACE APPLICATION: *metto Bugs, Silverfish, Cric* crawling insects: Apply a co locations where insects hide, cabinets, shelves, sinks, do plumbing, drains, in dark come hitting insects with the spray w ment as necessary.

Against Ants: Treat shelves spray ant runs, trails, basebo entry. Treat nests liberally. R

To control Bedbugs: Apply bottom of mattresses, spraying folds. Spray springs and fra cracks and lock joints. Tre moldings, floors, closets, furn particular attention to protect

To control Fleas and Ticks lower wall portions, baseboa infested areas. Animal quarter also be sprayed. Fresh bedd quarters following treatment animals with an approved Repeat treatment if needed.

For most effective control *Beetles*, remove infested article and, if possible, air several hour liberally in empty chests, cloe directing spray into cracks, jo infested articles may be treated b 3 feet away from the fabric and seems to avoid the possibility of carpets and pads, and all exp overstuffed furniture.

Continued

Do not overspray if products are made of rubber or are rubber coated, to prevent possible expansion or swelling. Repeat treatments monthly unless the articles are stored in moth-tight containers.

To control infestations of *Granary Weevils, Rice Weevils, Sawtoothed Grain Beetles, Confused Flour Beetles, Rusty Grain Beetles, Red Flour Beetles, Caddises, Meal Worms, Grain Mites, Angoumois Grain Moths, Indianmeal Moths and Mediterranean Flour Moths* in food storage areas: If possible, clean out and destroy any infested food products; otherwise, fumigation or other effective treatment should be made using an approved product intended for this purpose. Apply this spray thoroughly to all surfaces of shelves, cabinets, bins, pantries, and similar food storage areas, with particular attention to cracks, crevices, niches and hiding places.

FOGGING SPRAY: To kill accessible or exposed stages of insects named on this label (except *Clothes Moths, Bedbugs, and Carpet Beetles*): Apply using conventional, mechanical, thermal or compressed air equipment. Fill the entire area with mist using 3-6 ounces per 1000 cubic feet of space. Repeat treatment as needed.

SPACE AND CONTACT SPRAY APPLICATION:

To control accessible adult stages of:

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

Crickets

*Earwigs
Fruit Flies
House Flies
Mosquitoes
Silverfish
Small Flying Moths*

and the following common stored product pests:

*Angoumois Grain Moths
Caddises
Cigarette Beetles
Confused Flour Beetles
Dark Mealworms
Drugstore Beetles
Grain Mites
Granary Weevils*

*Indianmeal Moths
Mediterranean Flour Moths
Red Flour Beetles
Rice Weevils
Sawtoothed Grain Beetles
Spider Beetles
Tobacco Moths
Yellow Mealworms*

Close doors and windows and shut off ventilating systems. Use a mechanical aerosol generator or a fogger adjusted to deliver aerosol droplets (30 microns to 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 3-6 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:

To control accessible adult stages of:

*Angoumois Grain Moths
Caddises
Cigarette Beetles
Cheese Mites
Cheese Skippers
Confused Flour Beetles
Dark Mealworms
Grain Mites*

*Granary Weevils
Indianmeal Moths
Mediterranean Flour Moths
Red Flour Beetles
Rice Weevils
Sawtoothed Grain Beetles
Yellow Mealworms*

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 this product first by directing spray into cracks and crevices, corners, pallets, and around stacks of packaged goods - hitting as many insects as possible and then apply as a space spray at 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.

In Horse Barns and on Horses: This insecticide may be applied as a fine mist spray to stable area and over and around stabled horses to aid in the reduction of flies. Do not wet horses's skin or exceed two ounces per application.

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

*Deer Flies
Face Flies
Fruit Flies
Gnats
Horn Flies*

*House Flies
Mosquitoes
Small Flying Moths
Stable Flies*

Close room and shut off air conditioning or ventilating equipment. 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.

SURFACE SPRAY APPLICATION:

To control accessible stages of:

*Ants
Boxelder Bugs
Clover Mites
Cockroaches*

Crickets

*Drugstore Beetles
Earwigs
Silverfish
Spider Beetles*

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.

FOR IN-TRANSIT PROTECTION: Clean and spray truck beds, boxcars, and ships' holds containerized units 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:

Angoumois Grain Moths *Indianmeal 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:

*Gnats
House Flies*

Mosquitoes

*Skippers
Stable Flies*

Treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places.

FOR TEMPORARY REDUCTION OF ANNOYANCE:

*Gnats
House Flies*

*Mosquitoes
Stable Flies*

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 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 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.

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 temperature. 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 & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid contamination of feed or foodstuffs. Remove pets, birds, and cover fish aquaria before spraying. The use of this product in food processing establishments should be confined to time periods when the plant is not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment and thoroughly washed with an effective cleaning compound, followed by a potable water rinse before using.

ENVIRONMENTAL HAZARDS

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

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

