

ALLEVIATE® 25-2 M. A.G.C.

PM 17 EPA# 4816-631 pg. 1 of 3

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 Products.

KEEP OUT OF REACH OF CHILDREN
CAUTION

See side panel for additional precautions.

CLF 1/30/90
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DOOR USE AREAS

Bakeries	Industrial Installations
Beverage Plants	Meat Packaging Plants
Canneries	Hotels
Dried Food Storage	Office Buildings
Flour Mills	Railroad Cars
Food Processing Plants	Restaurants
Grain Elevators	Schools
Granaries	Stored Food Areas
Homes	Supermarkets
Horse Barns	Truck Trailers
Hospitals	Warehouses
Hotels	Zoos

OUTDOOR USE AREAS

Corrals	Parks
Drive-in Restaurants	Playgrounds
Drive-in Theaters	Recreational Areas
Golf Courses	Urban Areas
	Zoos

ACTIVE INGREDIENTS:

d/l-allethrolone d-trans chrysanthemate	2.00%
Related Compounds	0.16%

*Piperonyl Butoxide, Technical	25.00%
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**INERT INGREDIENTS:	72.84%
	100.00%

Equivalent to min. 20% (butylcarbityl) (6-propyl-piperonyl) ether and to 5% related compounds.

**Contains Petroleum Distillate.

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Fairfield American Corporation

Not Reviewed. Registrant claims to be in accordance with
Reregistration of Pesticide Product Guidance for Phase 2
Response, Page 2.12, Active to Inert Change in Status.

DIRECTIONS FOR USE

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

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

Angoumois grain moths	Granary weevils
Ants	Horn flies
Boxelder bugs	Hornets
Caddisflies	Horse flies
Cheese mites	House flies
Cheese skippers	Indian meal moths
Cigarette beetles	Lice
Clover mites	Mediterranean flour moths
Confused flour beetles	Mosquitoes
Dark mealworms	Mushroom flies
Deer flies	Red flour beetles
Dried fruit beetles	Rice weevils
Drugstore beetles	Sawtoothed grain beetles
Earwigs	Small flying moths
Fruit flies	Spider beetles
Fungus gnats	Stable flies
Gnats	Tobacco moths
Grain mites	Wasps
	Yellow mealworms

INDOOR USE AS A SPRAY, UNDILUTED

The use of this product in food processing or food handling establishments (bakeries, beverage plants, canneries, food processing plants, hospitals, hotels, industrial installations, restaurants, schools, supermarkets, and warehouses) should be confined to time periods when the plants or facilities are not in operation. The use is not appropriate at any time in edible product areas of Federally inspected meat and poultry plants. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. Hospital patients should be removed for 2 hours and rooms aired before re-entry.

Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Apply at a rate of 1/2 ounce per 10000 cubic feet of space. Direct spray toward the ceiling and upper corners of the area and behind obstructions. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary.

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The above described application will kill accessible, exposed stages of flies, (including fruit flies), mosquitoes, small flying moths, gnats, wasps, hornets, clover mites, cheese mites, cheese skippers, boxelder bugs, earwigs, ants, and the following common stored product pests: granary weevils, rice weevils, confused flour beetles, sawtoothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, tobacco moths, yellow mealworms, dark mealworms, grain mites, oodles, and red flour beetles.

DRIED FRUIT PRODUCTS:

For control of exposed stages of confused flour beetles, dried fruit beetles, Indian meal moths and sawtoothed grain beetles in dried fruit processing or storage areas. Remove and destroy infested products. As noted above, disperse this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use one ounce per 1000 cubic feet of space. Repeat application at this dosage in any given month. Leave the room closed for one hour. Do not remain in treated areas and ventilate before re-entry.

STORED FOOD: (Stored in multi-walled bags or in cloth bags) in warehouses, storage rooms, flour mills, grain elevators, granaries for control of Angoumois grain moths, oodles, confused flour beetles, Indian meal moths, Mediterranean flour moths, rice weevils, sawtoothed grain beetles, yellow mealworms, cheese mites, cheese skippers, cigarette beetles, grain mites, granary weevils, dark mealworms, and red flour beetles. Remove and destroy infested products.

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 remain in treated

INDOOR USE, DILUTED

SPACE SPRAY: For use in conventional mechanical fogging 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, boxelder bugs, clover mites, drugstore 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 wall, 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. In Federally inspected meat and poultry plants, food processing operations must be stopped.

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.

To control Indian meal moths and Angoumois grain moths, apply to the surface of binned grain at a rate of 1 gallon per 1000 square feet. Apply at monthly intervals upon first appearance of the moths and continuing until early fall. In case of severe infestations, break up webbing with rake before spraying and make a second application in two weeks.

As an aid in the control of mosquitoes, gnats, wasps and skippers, treat walls, ceilings, moldings, screens, door and window frames, beams, 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. Equipment and utensils must be thoroughly rinsed with potable water before operations are resumed.

HORSE BARNs 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 of 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.

IN MUSHROOM PRODUCTION AND PROCESSING:

To control mushroom flies or fungus gnats in growing houses, dilute 1 part of this product plus 49 parts of highly refined base oil, mix well, and apply at 1 ounce per 1000 cubic feet of space. Fogger should be operated 8 to 10 feet away from beds and directly slightly upward over them. Circulating fans should be left in operation, but for best results, refrigeration should be turned off. In packing and canning plants, use at a rate of 1 ounce to 2000 cubic feet of space.

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

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... pools, marshy areas and ponds where mosquitoes may rest.

Repeat treatment as required.

This product should be applied without further dilution. Dispense fog at the following flow rates, depending upon the speed at which the truck is moving.

Truck Speed Miles Per Hour	Flow Rate Fluid Ounces Per Minute
5	2 to 2.25 fluid ounces
10	4 to 4.50 fluid ounces

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 or on shallow water of wet lands, swamps, and marshes, where mosquito larvae are known to breed.

For the 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. Application should be made prior to attendance. Repeat as necessary.

In additional outdoor areas (non-edible horse corrals and rooms), cover water troughs, drinking fountains, and animal feed before use. Fill area with mist and direct spray application into tall grasses and shrubbery 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.

Do not apply as a space spray while food processing is underway. Except in Federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue. 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 covered before treatment. All surfaces in processing areas must be washed and rinsed in potable water after spraying.

When using in horse barns, do not apply directly to food, water or food supplements.

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.

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STATEMENT OF PRACTICAL TREATMENT

- If Swallowed: Contact a physician or Poison Control Center immediately. Do not induce vomiting unless directed to do so by a physician. Vomiting may cause aspiration pneumonia.
- If Inhaled: Remove affected person to fresh air. Apply artificial respiration if indicated.
- If In Eyes or on Skin: Flush affected areas with plenty of water. Contact a physician if irritation persists.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Do not breathe 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 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. Except in Federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue. Foods should be removed or covered before treatments. In food processing areas all surfaces 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. Wash teats of dairy animals before milking.

BATCH

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NET CONTENTS: _____

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