

CODE 72612

SYNTHRIN® .5% LIQUID

EPA REG. NO. 4816-691

JUL 1 1990

4816-691

EPA REG. NO. 4816-691

CONTAINS THE HIGHLY ACTIVE SYNTHETIC PYRETHROID, SYNTHRIN®

FOR CONTROL OF FLYING AND CRAWLING INSECTS IN BUILDINGS AND OUTDOORS

Authorized by USDA for use in edible product areas of official establishments operating under the Meat, Poultry, Shell Egg Grading and Egg Products Inspection Programs.

ACTIVE INGREDIENTS:

*Resmethrin

0.50%

**INERT INGREDIENTS:

99.50%

100.00%

*Cis/trans isomer ratio: Max. 30% (+/-) cis and min 70% trans.

**Contains petroleum distillate

SYNTHRIN - Registered Trademark of Fairfield American Corporation.

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

See new 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.

For use indoors and outside premises of hotels, motels, homes, food handling establishments, packaging and processing plants, seed houses, commercial, industrial, office, institutional and storage buildings, mil handling areas of milk plants, milk storage rooms, egg processing plants, supermarkets, restaurants, bottling plants, canneries, flour and feed mills, bakeries, boats, ship cabins and hospitals. IN HOSPITALS, remove patients prior to treatment. Ventilate rooms for two hours before re-entraining patients. Also for use in buses, automobiles, trucks, ~~cars~~ cars, and ship cargo holds. Also for use in dog kennels and horse stables. IN HORSE STABLES, not for application if horses will be used for food.

Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. After space spraying in food processing plants, wash all equipment, benches, shelving, etc. where exposed food will be handled,

BEST AVAILABLE COPY

2

thoroughly with an effective cleaning compound and wash with portable water. Then using this product in these areas, only only when the fire is not in operation.

INDOORS

SPACE SPRAY: To kill house flies, mosquitoes, gnats, winged ants (millers), fruit flies, vinegar flies - Close room or area to be treated. Shut off air conditioner and ventilator system. Seal all open vents. Remove fish and cats. Apply undiluted as a very fine mist space spray through manually operated equipment or with electrical and other power applicators. Avoid staining by holding the spray nozzle at least five feet from objects. Direct the fine spray mist toward the upper corners of the room. Fill the room with a fine mist spray at the rate of 3 fl. oz. per 5,536 cu. ft. Leave room closed for one half hour. Ventilate thoroughly before re-entry. Sweep up and destroy insects.

CONTACT SPRAY: To kill cockroaches, palmetto bugs, waterbugs, crickets, silverfish, firebrats, fleas, earwigs, sowbugs, millbugs, scorpions, carpet beetles, centipedes, millipedes - Adjust spray to produce large wetting type spray particles. Direct spray to contact these insects in cracks and crevices in floors, baseboards, around pipes, behind radiator and other harborages. Spray these infested areas until thoroughly wet. Repeat as necessary.

TO KILL SPIDERS: Spray directly on these pests and use registered applications to the webbing and all cracks and crevices which harbor spiders.

TO KILL ANTS: Spray doors, around window frames, and floors - can kill

TO KILL BEDBUGS: Apply as a spot treatment to cracks and crevices under baseboards, floorboards, bedboards and walls. Remove thoroughly clean air mattresses and springs. Then spot treat only areas that may harbor bedbugs, concentrating on tufts, folds and seams. Repeat as necessary. For persistent infestations, consult professional applicator.

TO KILL FLEAS AND TICKS (adults and larvae): Spray directly on insects well as floors, floor coverings, baseboards, cracks and crevices, infested furniture and animal resting areas. Hold spray nozzle about 12 inches from areas to be treated. Apply spray until area is moist. Treat pet bedding the same way. Also spray entire inside surface of dog house. Repeat as necessary. Do not allow pets to contact treated areas until spray has dried. Remove or cover animal feed before spraying. Treat dogs, cats and horses with a registered flea control product before they re-enter the treated area.

TO KILL GRAIN INSECTS: Adults or confused flour beetles, sawtoothed grain beetles, shiny spider beetles, grain weevils, cigarette beetles, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, grain mites - Remove infested grain, cereal or rice and destroy. Avoid contamination of other food and foodstuffs in the areas by removing before spraying. Spray directly on exposed stages and into cracks and crevices where grain insects may be hiding. In homes, dispose of all insect products. The shelves and drawers should be cleaned and thoroughly sprayed so as to contact all pests, and covered with shelf paper after

BEST AVAILABLE COPY

allowing shelves to dry. Any utensils that are contacted with spray should be washed before using. Repeat as necessary.

TO KILL BEES, WASPS, HORNETS AND YELLOW JACKETS: Application should be made in late evening when insects are at rest. Spray liberally into hiding and nesting places contacting as many insects as possible. Repeat as necessary.

OUTDOORS: To control nuisance pests around buildings, patios and paved areas: Apply as a contact spray. Spray directly on insects. Avoid spraying turf or plants.

TO KILL ANTS: Spray doors, around window frames, ant trails and hills

TO KILL BEES, WASPS, HORNETS, YELLOW JACKETS: Application should be made in late evening when insects are at rest. Spray liberally into hiding and nesting places contacting as many insects as possible. Aim spray at nest openings in bushes, under eaves, chimneys, cracks and crevices to saturation and around nest openings. Contact as many insects as possible. Repeat as necessary.

TO KILL EARWIGS, SOWBUGS, SPIDERS, CENTIPEDES AND MILLIPEDES: Apply as a contact spray, as for indoor use. To control named crawling insects around premises, spray thoroughly around doors, windows, eaves and similar areas of entry. Also, thoroughly spray garbages and refuse areas especially around poultry houses, barns, and similar areas of heavy infestation. Do not spray on turf or plants.

THERMAL APPLICATIONS: For the control of house flies and mosquitoes. The formulation is to be used undiluted in only such portable thermal applicator equipment that can deliver spray particle sizes within the desired size range.

THERMAL APPLICATIONS INDOORS: For the control of house flies, mosquitoes and gnats, in warehouses, restaurants and industrial institutions. Remove or cover exposed food and food handling surfaces. Remove animals and plant life. Shut off ventilating systems, air ducts, air-conditioning equipment and close off room or area to be treated. Do not spray while food processing plant is occupied or in operation. Extinguish all flames and pilot lights. Apply as a dry fog at the rate of 1 1/3 fl.oz. per 1,000 cu. ft. of space.

THERMAL APPLICATIONS OUTDOORS: For reduction in annoyance from house flies, mosquitoes and gnats in yards, patios, around swimming pools, picnic areas, camp sites, driveways and horse stables, and other small area applications. Hold thermal applicator at least 5 ft. from any object, especially plants and shrubbery. Avoid wetting any plant foliage. Apply undiluted at the rate of 3-7/4 gal. per acre. Fog only when there is no breeze, or the wind velocity is less than 3 mph. The ideal time is generally at dusk when wind dies down and the air temperature and ground temperature are approximately the same. Under these conditions the fog will linger in the treated area for a longer time. Apply fog while moving away from the treated area. Avoid inhalation of the fog. Do not enter treated area until fog has dissipated. Repeat applications 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 sawdust, cat litter, 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 as or by an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent) then return to manufacturer for 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 or absorbed through the skin. Causes eye irritation. Wash thoroughly with soap and water after handling. Avoid breathing and cover or remove exposed foods. Avoid contamination of clothing, utensils, and food preparation surfaces. Remove and cover fish aquariums before spraying.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Do not induce vomiting. This product contains petroleum solvent. Vomiting may cause aspiration pneumonia.

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

IF ON SKIN: Remove contaminated clothing and wash affected areas of skin with soap and water. Contact a physician if irritation persists.

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

ENVIRONMENTAL HAZARDS

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

PHYSICAL AND CHEMICAL HAZARDS

Extinguish open flame before space spraying. This formulation is combustible. DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME.

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