

432-763

04/05/2005

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### K-Othrine® SC Insecticide

- \* Only for Use and Storage by Pest Control Operators and/or Commercial Applicators
- \* For Residential, Industrial and Institutional Control of Major Nuisance Pests Listed on The Label
- \* Controls Numerous Pests in and around Households and Other Structures
- \* Will not Damage Paints, Plastics, Fabrics or Other Surfaces Where Water Alone Causes No Damage
- \* For Insect Control on Commercial and Residential Turf and Landscape Ornamental Plants

#### ACTIVE INGREDIENT:

\*Deltamethrin .....4.75%

OTHER INGREDIENTS: ..... 95.25%

100.00%

\*Contains 0.42 lb deltamethrin per gallon.

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada amplimente. (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
 See Side Panel for First Aid And Additional Precautions

EPA Reg. No.: 432-763

EPA Est. No.: 432-TX-1

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

Contains  
**DeltaGard**  
 Insecticide

ACCEPTED

APR - 5 2005

Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended, for the pesticide  
 registered under  
 EPA Reg. No. **432-763**

<b>FIRST AID</b>	
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-334-7577 for emergency medical treatment.</p>	

FOR PRODUCT INFORMATION, CALL TOLL-FREE: 1-800-331-2867.

**PRECAUTIONARY STATEMENTS**  
**Hazards To Humans & Domestic Animals**

**CAUTION**

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fresh water and estuarine fish and invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when cleaning equipment or when disposing of equipment washwater.

This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

**PHYSICAL & CHEMICAL HAZARDS**

Do not use water-based sprays of K-Othrine SC Insecticide in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

**DIRECTIONS FOR USE**

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

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

**GENERAL INFORMATION:**

K-Othrine SC Insecticide is a suspended concentrate insecticide containing 0.42 lb active ingredient per gallon. K-Othrine SC Insecticide is designed for use both indoors

and outdoors and will provide effective knockdown and long residual control of the pests listed on this label.

**Mixing Instructions:**

K-Othrine SC Insecticide is intended to be mixed with water and applied with hand pressurized or power operated sprayers, such as Actisol® or similar equipment, as a coarse spray or with conventional hydraulic boom-type sprayer or other suitable equipment for outdoor broadcast applications. Shake container well before using. When diluting, it is recommended to add approximately half the water to the spray tank, then add the proper amount of K-Othrine SC Insecticide in accordance with the rates in the appropriate Application Rate table. Agitate, then add the remaining water slowly to avoid excess foam. Thoroughly agitate the sprayer before using to insure proper suspension. If spraying is interrupted when using a back-pack or hand-held spray equipment, reinvert sprayer before use. If spray screens are used, they should be 50 mesh or larger. Dilute K-Othrine SC Insecticide only with water. Prepare spray solution when ready to make applications.

**Tank Mixing:**

K-Othrine SC Insecticide may be tank-mixed with other currently registered pesticides unless expressly prohibited by the product label. A small volume mixing test with other products is recommended to ensure compatibility. Observe all restrictions and precautions, which appear on the labels of these products.

**Application Methods:**

For indoor uses this product may be applied as crack and crevice, spot, general surface treatments. For residential building and structures apply only as a crack and crevice or spot treatment. Treat where pests are found or normally occur. For general pest control outdoors see this section for additional methods of application.

**Crack and Crevice Applications:** Use a low pressure system with a pinpoint or variable pattern nozzle to apply the spray mixture to areas such as floors, cracks and crevices in and around baseboards, walls, expansion joints, areas around water and sewer pipes, and voids formed by equipment or appliances.

**Spot Applications:** Use a low pressure system with fan-type nozzle to uniformly apply spot treatments in and around cupboards, and between, beneath and behind equipment or appliances. For control of carpet beetles, fleas and ticks indoors, apply as a coarse, low pressure crack and crevice spot treatment to problem areas and infested habitats. Do not treat entire area of floor, carpet or floor coverings. Do not apply as a space spray. Application to furniture should be restricted to areas where prolonged contact by humans will not occur. Care should be taken to limit spot treatment to pet beds and infested floor coverings.

**Application Rates:**

Pests	Concentration of Active Ingredient <sup>1</sup>	Dilution Rate <sup>2</sup>
ants, carpet beetles, firebrats, fleas, gnats, midges, centipedes, millipedes, pantry pests, silverfish, ticks (indoor)	0.01% - 0.03%w/w	0.25-0.75 fl oz/gal 12.5 - 37.5 fl oz/ 50 gals 25-75 fl oz/ 100 gals
Bees, bedbugs, boxelder bugs, fleas (outdoor) cecid flies, cockroaches, elm leaf beetles, ground beetles, moths, midges, crickets, flies (including such flies as stable, house, cluster and horseflies), hornets, killer bees, lice, mosquitoes, Multicolored Asian Lady Beetle, pillbugs, scorpions, sowbugs, spiders, ticks (outdoor), yellowjackets, wasps	0.03% -0.06%w/w	0.75 - 1.5 fl oz/gal  37.5-75 fl oz/50 gals  75 -150 fl oz/ 100 gals
Termites (formosan & Eastern subterranean - localized control only)	0.06% w/w	1.5 fl oz/gal 75 fl oz/50 gals 150 fl oz/100 gals
Carpenter Ants	0.03% w/w	0.75 fl oz/gal 37.5 fl oz/50 gals 75 fl oz/100 gals

<sup>1</sup> The recommended rate for maintenance treatments is 0.01% and for cleanout treatments is 0.03%. For control of severe infestations and longer residual control use the 0.06% rate. In addition, more frequent applications may be needed on concrete surfaces.

<sup>2</sup> 0.25 fl. oz = 7.5 milliliters  
0.75 fl. oz = 22.7 milliliters  
1.5 fl. oz = 45.4 milliliters

**GENERAL PEST CONTROL INDOORS**

**Treatment Sites:** When used in accordance with label directions, K-Othrine SC may be applied in and around residential and non-residential buildings and structures including residential kitchens and all types of food/feed handling establishments. K-Othrine SC is intended to be mixed with water and applied indoors as a crack and crevice, spot or general surface treatment with hand pressurized or power operated sprayers or other suitable equipment for applying insecticides to localized areas. For residential buildings and structures apply only as a crack and crevice or spot treatment. This product can be applied to walls, floors, ceilings, in and around cabinets, between, behind and beneath equipment and appliances, around floor drains, window and door frames and around plumbing, sinks and other possible pest harborage sites. Permitted areas of use include, but are not limited to, the food/feed and non-food/non-feed areas of:

Aircraft (cargo only)	Installations
Apartment buildings	Kitchens

- |                                 |   |
|---------------------------------|---|
| Bakeries                        | Laboratories                                      |
| Bottling facilities             | Mausoleums  |
| Breweries                       | Meat, poultry & egg processing & packaging plants |
| Buses                           | Mobile & motor homes                              |
| Cafeterias                      | Nursing homes                                     |
| Candy plants                    | Offices   |
| Canneries                       | Railcars  |
| Dairy product Processing plants | Restaurants                                       |
| Food manufacturing plants       | Schools   |
| Food processing plants          | Ships & vessels                                   |
| Food service establishments     | Trailers  |
| Granaries & grain mills         | Trucks  |
| Hospitals                       | Warehouses  |
| Hotels                          | Wineries  |
| Houses                          |   |
| Industrial buildings            |   |

Treatments may be applied at 21-day intervals or as necessary to maintain adequate control. Remove pets and cover aquariums and terrariums before spraying. Do not apply to classrooms when in use. Do not use in aircraft cabins.

Treat specific areas that insects inhabit or where they are frequently found. Use 0.25 to 1.5 fluid ounces of K-Othrine SC Insecticide *in sufficient amount of water* and apply to adequately cover 1000 square feet. Do not allow dripping or run-off to occur. Under conditions of severe pest infestation, when quick knockdown and/or longer residual control is desired, use 1.5 ounces (0.06%) of K-Othrine SC Insecticide per 1,000 sq. ft.

**Premise Pest Control: Cockroaches, Ants, Crickets, Silverfish, Firebrats, Centipedes, Millipedes, Cloth Moths, Earwigs, Pillbugs, Sowbugs, Scorpions and Spiders:** Apply as a coarse, low pressure spot or crack and crevice spray to areas that these pests normally inhabit. Pay particular attention to dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations; doors, windows and in attics and crawl spaces. Applications may be made to floor surfaces along baseboards and around air ducts. Let surfaces dry before allowing children or pets to contact surfaces.

**Pantry Pest Control:** To kill adult and accessible stages of insect pests such as **Lesser Grain Borers, Grain Weevils, Flour Beetles, Saw-toothed Grain Beetles, Cigarette Beetles, Merchant Grain Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Grain Mites and Spider Mites:** Make applications to cupboards, shelving and storage areas. Remove all foodstuffs, all utensils, shelf paper and other objects before spraying. Allow all treated surfaces to dry and cover shelves with clean paper prior to replacing foodstuffs, utensils or other items. Any foodstuff accidentally contaminated with any spray solution should be discarded.