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10182-381

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Until Reregistration

JUL 25 1994 10+10

Scimitar CS Insecticide

ZENECA Inc.
1800 Concord Pike
Wilmington, DE 19897

This product is registered in accordance with FIFRA sec. 3(c)(5) provided that you:

1. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 10182-381"
2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6 (e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Enclosure:

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CONCURRENCES							
SYMBOL							
SURNAME	Moats						
DATE	7/25/94						

SCIMITAR® CS Insecticide

Only for Sale to, Use, and Storage by Commercial Applicators

For Use to Control Insect Pests On Ornamentals and Lawns in Landscaped Areas Around Residential, Institutional, Public, Commercial and Industrial Buildings, Parks, Recreational Areas and Athletic Fields

ACTIVE INGREDIENT:

Lambda-cyhalothrin	
[1α(S*),3α(Z)]-(±)-cyano(3-phenoxyphenyl)methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate	9.7%
INERT INGREDIENTS:	<u>90.3%</u>
Total	100.0%

EPA Reg. No. 10182-
EPA Est. No.

Net Contents:

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel for Statement of Practical Treatment and Precautionary Statements

Made in U.S.A.
ZENECA Professional Products
ZENECA Inc.
Wilmington, DE 19897

ACCEPTED
with COMMENTS
In EPA Letter Dated

JUL 25 1994

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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 10182-381

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF SWALLOWED: Call a physician or Poison Control Center immediately. Do not induce vomiting unless other treatment is unavailable. If it is necessary to induce vomiting, do so under medical supervision. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

HARMFUL IF ABSORBED THROUGH SKIN. PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC SKIN REACTIONS IN SOME INDIVIDUALS. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist or vapors. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Apply this product only as specified on this label. Care should be used when spraying to avoid fish and reptile pets.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Notify State and/or Federal authorities and ZENECA Inc. immediately if you observe any adverse environmental effects due to the use of this product.

PHYSICAL AND CHEMICAL HAZARDS

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

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**CONDITIONS OF SALE
AND LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ZENECA or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENECA and Seller harmless for any claims relating to such factors.

ZENECA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ZENECA, and Buyer and User assume the risk of any such use. ZENECA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall ZENECA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENECA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ZENECA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENECA.

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DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

STORAGE: Keep container closed when not in use. Do not store near food or feed. Shake well before use. Protect from freezing. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste storage area until proper disposal can be made..

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Completely empty container into application equipment, then offer for recycling or reconditioning, or puncture and dispose of empty container in a sanitary landfill, by incineration, or by other procedures approved by state and local authorities.

MIXING: SCIMITAR® CS insecticide is intended for dilution with water for spray application and may be used in all types of spray equipment. Fill sprayer with 1/2 volume of water and add SCIMITAR CS and then fill to desired volume. Close and agitate before use in order to ensure proper suspension of the microencapsulated concentrate. Shake or reagitrate sprayer before use if spraying is interrupted. Make up only as required.

COMPATIBILITY: SCIMITAR CS has been found to be compatible with all commonly used fungicides, miticides, liquid fertilizers, and other insecticides. Check physical compatibility using the correct proportion of products in a small jar if local experience is unavailable.

APPLICATION: SCIMITAR CS insecticide mixes readily with water and may be used in all types of spray equipment. Mix product with the required amount of water and apply as a dilute spray application to the point of runoff. When spraying hard-to-wet foliage such as holly, pine, or ivy, the addition of a spreader sticker may enhance knockdown and residual activity. If concentrate or mist-type spray equipment is used, an equivalent amount of product should be used on the area sprayed as would be used in a dilute application. Phytotoxicity testing has been carried out on a wide range of ornamental plants under various environmental conditions, and no phytotoxicity has been observed. It is advised to prespray a selection of ornamentals if local use experience is unavailable.

SCIMITAR CS may be used for applications to maintain indoor or outdoor areas where turf and ornamentals are grown such as residential landscaped areas and non-residential landscapes around institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

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IMPORTANT: Time application to flowering plants during periods when pollinating insects are not present, such as early morning or late evening.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

DO NOT APPLY THIS PRODUCT TO EDIBLE CROPS.

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USE	PEST	AMOUNT OF SCIMITAR CS	REMARKS
<p>ORNAMENTALS IN RESIDENTIAL LANDSCAPED AREAS AND LANDSCAPED AREAS AROUND INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL BUILDINGS, PARKS, RECREATIONAL AREAS AND ATHLETIC FIELDS (Including Trees, Shrubs, Flowers, Evergreens, Foliage Plants and Groundcovers)</p>	<p>Ants (Including Imported fire ants)² Armyworms Azalea caterpillar Aphids Bagworms³ Black vine weevil (adult) Boxelder bugs Budworms California oakworm Cankerworms Cockroaches Crickets Cutworms Eastern Tent caterpillar Elm leaf beetles Fall webworm Flea beetles Forest tent caterpillar Gypsy moth larvae Japanese beetles (adults) June beetles (adults) Lace bugs Leaf-feeding caterpillars Leafhoppers Leafminers (adults) Leaf rollers Leaf skeletonizers Midges Mosquitoes Oleander moth larvae Pillbug Pine sawfly Pinetip moths Plant bugs Root weevil Sawfly Scale insects (crawlers) Spiders Spittlebugs Striped beetles Striped oakworm Thrips Tip moth Tussock moth larvae Wasps</p>	<p>1.5 to 5 fl oz/ 100 gals or 44 to 148 ml/ 100 gals¹</p>	<p>Applications should be started prior to establishment of high pest population and reapplications made as necessary to keep populations under control, using higher rates as pest pressure increases.</p> <p>Good spray coverage is necessary to provide the most effective level of control. Addition of spreader/sticker at recommended rates may enhance control of insects on certain species of ornamentals having hard-to-wet foliage.</p> <p>Apply at 7-day intervals if retreatment is necessary.</p> <p>Do not apply more than 0.36 lbs of active ingredient per acre per year.</p> <p>Do not apply to any plants grown for food or feed.</p> <p>NOTE: Certain cultivars may be sensitive to the final solution. A small number of plants should be treated prior to application of entire planting.</p>

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USE	PEST	AMOUNT OF SCIMITAR CS	REMARKS
	Broadmite Brown softscale California redscale (crawler) ⁴ Clover mites Mealybugs Pineneedlescale (crawler) ⁴ Spider mites Whiteflies	3 to 5 fl oz/ 100 gals or 88 to 148 ml/ 100 gals	
LAWNS AROUND RESIDENTIAL, INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL BUILDINGS, PARKS, RECREATIONAL AREAS AND ATHLETIC FIELDS	Ants (including Imported fire ants) ² Armyworms Centipede Crickets Cutworms Earwigs Fleas (adult) Grasshopper Japanese beetle (Adult) Millipedes Mites Pillbugs Sod webworms Sow bugs Ticks (including species which transmit Lyme disease)	3.4 to 7 ml/1000 sq ft or 5 to 10 fl oz/acre	Apply when pests first appear. Use the 3.4 ml/1000 sq ft rate for light infestations and/or maintenance. Subsurface feeders such as mole crickets will only be controlled if exposed to the insecticide. The addition of a spread sticker may enhance control. Apply at 7-day intervals if retreatment is necessary. Do not apply more than 0.36 lbs active ingredient per acre per year. Delay watering or mowing for at least 24 hours for optimum control of surface feeding insect pests.
	Bluegrass billbug (adult) Chinch bugs Chiggers Fleas (adult) Hyperodes weevil (adult) Mole crickets	7 ml/1000 sq ft or 10 fl oz/acre	Keep children and pets off treated areas until spray has dried following the application. Do not make applications within 20 feet of any body of water. Do not make applications when wind speed is 15 miles per hour or greater.

¹For spot treatments, use 0.5 fl oz per 1 to 2½ gallons of water.

²To control ants effectively, the mound must be treated with a drench application. Use 0.5 fl oz of SCIMITAR CS per 2.5 gallons of water and thoroughly cover and soak each mound and treat a 4-foot diameter circle around the mound. Apply mixture gently to avoid disturbing the mound. Disturbing the mound may disturb the ants and cause migration, thus reducing effectiveness of treatment. For best results apply in cool weather, such as in early morning or late evening hours, but not in the heat of the day. Make additional treatments as needed.

³Bagworm: Apply when larvae begin to hatch. Spray larvae directly. Applications made when larvae are young will be most effective.

⁴Scalecrawlers/twig borers: Treat trunks, stems and twigs in addition to plant foliage.

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AMOUNT OF SCIMITAR CS /100 GALLONS			
RATE	SPRAY VOLUME/GALLONS/1000 SQ FT		
3.4 ml	2.0 gals/1000 sq ft	3.0 gals/1000 sq ft	4.0 gals/1000 sq ft
	177 ml or 6 fl oz/100 gals	118 ml or 4 fl oz/100 gals	89 ml or 3 fl oz/100 gals
7 ml	350 ml or 11.8 fl oz/100 gals	236 ml or 8 fl oz/100 gals	177 ml or 6 fl oz/100 gals

SCIMITAR® is a trademark of a ZENECA Group Company.

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