

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Until Reregistration

DEC 21 1994

Scimitar CS
Greenhouse InsecticideZENECA Ag Products
1800 Concord Pike
Wilmington, DE 19897

165, 166 / 5462164, 3472271.
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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. 10182-386".
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:

CONCURRENCES

SYMBOL							
SURNAME	8/14						
DATE	12/20/94						

SCIMITAR® CS Greenhouse Insecticide

**Only for Sale to, Use, and Storage by Commercial Applicators and
Greenhouse Personnel**

For Use to Control Certain Insects On Ornamentals Grown in Greenhouses and Shadehouses

ACTIVE INGREDIENT:

Lambda-cyhalothrin

[1 α (S*),3 α (Z)]-(\pm)-cyano(3-phenoxyphenyl)methyl-3-

(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-

dimethylcyclopropanecarboxylate 9.7%

INERT INGREDIENTS: 90.3%

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
by EPA Letter Dated

DEC 21 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended for the purpose
of enforcement under FIFRA, the

10182-356

STATEMENT OF PRACTICAL TREATMENT

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

IF SWALLOWED: If victim is alert and not convulsing, rinse mouth out and give 200-300 ml (1 cup) of water to dilute material. Immediately contact local Poison Control Center. Vomiting should only be induced under the direction of a physician or Poison Control Center. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Immediately transport victim to an emergency facility.

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.

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.

Personal Protective Equipment

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or viton
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
 - Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 - Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
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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 making applications 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.

**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.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or viton
- Shoes plus socks

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. Shake well before use. Do not store near food or feed. 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. Follow **PESTICIDE DISPOSAL** instructions.

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 application and may be used in all types of application equipment. Fill application tank 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 reagituate application equipment before use if application is interrupted. Make up only amount of application volume 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 application equipment. Mix product with the required amount of water and apply as a dilute application to the point of runoff. When applying to 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 application equipment is used, an equivalent amount of product should be used on the area treated 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 pretreat a selection of ornamentals if local use experience is unavailable.

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

DO NOT APPLY THIS PRODUCT TO EDIBLE CROPS OR PLANTS GROWN FOR FOOD/FEED.

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USE	PEST	AMOUNT OF SCIMITAR CS	REMARKS
ORNAMENTALS IN GREENHOUSES AND SHADEHOUSES (Including Trees, Shrubs, Flowers, Evergreens, Foliage Plants and Groundcovers)	Ants (Including Imported fire ants) Armyworms Azalea caterpillar Aphids Bagworms ² Black vine weevil (adult) Boxelder bugs Budworms California oakworm Cankerworms Crickets Cutworms Eastern Tent caterpillar Elm leaf beetles Fall webworm Flea beetles Forest tent caterpillar Fungus gnat 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 Spiders Spittlebugs Striped beetles Striped oakworm Thrips Tip moth Tussock moth larvae	1.5 to 5 fl oz/ 100 gals or 44 to 148 fl oz/ 100 gals ¹	<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 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>

USE	PEST	AMOUNT OF SCIMITAR CS	REMARKS
	Broadmite Brown softscale California redscale (crawler) ³ Clover mites Cockroaches Mealybugs Pineneedlescale (crawler) ³ Scale insects (crawlers) ³ Spider mites Wasps Whiteflies	3 to 5 fl oz/ 100 gals or 88 to 148 ml/ 100 gals	

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

²Bagworm: Apply when larvae begin to hatch. Spray larvae directly. Applications made when larvae are young will be most effective.

³Scalecrawlers/twig borers: Treat trunks, stems and twigs in addition to plant foliage.

SCIMITAR® is a trademark of a ZENECA Group Company.