

GROUP 3 INSECTICIDE

SCIMITAR™ CS Insecticide

COMMERCIAL

MICROCAPSULE SUSPENSION

GUARANTEE:

Lambda-cyhalothrin 100 g/L

Contains 1,2-benzisothiazolin-3-one at 0.1% as a preservative.

**READ THE LABEL AND ATTACHED PAMPHLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN
SHAKE WELL BEFORE USE**

**POTENTIAL SKIN SENSITIZER
CAUTION: EYE IRRITANT**

REGISTRATION NO: **28499**
PEST CONTROL PRODUCTS ACT

NET CONTENTS : **235 mL to 10 L**

Syngenta Canada, Inc.
140 Research Lane, Research Park
Guelph, Ontario N1G 4Z3
Telephone : 1-877-964-3682

LABEL

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

FIRST AID

IN CASE OF POISONING, contact a physician or a poison control centre **IMMEDIATELY**. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

If swallowed, call a poison control centre or doctor **IMMEDIATELY** for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

If on skin or clothing, take off contaminated clothing. Rinse skin **IMMEDIATELY** with plenty of water for 15 – 20 minutes. Call a poison control centre or doctor for treatment advice.

If in eyes, hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

If inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION

Contains petroleum distillates. Vomiting may cause aspiration pneumonia. Treat symptomatically.

PRECAUTIONS

1. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Keep unused product in original container tightly closed, locked up and away from food. May irritate eyes.
2. SCIMITAR CS Insecticide is a potential skin sensitizer. In case of exposure to skin or face or other sensitive areas, some individuals may feel a tingling or numbness. This is a transitory effect and does not cause harm to skin. Avoid splashing in eyes or on skin, particularly the face. If hands are contaminated, wash with soap and water before touching other areas of skin. When applying this product workers should wear long pants, long-sleeved shirts, and chemical resistant boots and gloves. In addition, during mixing, loading, clean-up and repair activities, workers must also wear chemical resistant gloves, safety goggles and a face shield. Avoid touching face with contaminated gloves or clothing. Wash gloves before removal. Wash protective equipment with soap and water after each use and separate from household laundry.

3. VACATE PREMISES DURING APPLICATION AND KEEP ALL PERSONS OUT OF TREATED AREAS UNTIL SURFACES ARE DRY.
4. When making an application to vinyl or wooden surfaces, treat a small area and allow to dry. Some types of vinyl or wooden surfaces, particularly if aged, may show some staining after application of SCIMITAR CS Insecticide.

ENVIRONMENTAL HAZARDS

This product is very toxic to fish and aquatic organisms. It also contains a petroleum distillate, which is moderately to highly toxic to aquatic organisms. Do not contaminate ponds, lakes, streams or rivers or any bodies of water by direct application, during sprayer filling or rinsing operations or while spraying. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighbouring areas. When making applications, care should be used to avoid exposure of household pets, particularly fish and reptile pets. This product is highly toxic to bees. Do not apply when weather conditions favour drift from the target area.

STORAGE

Store in a cool, well ventilated area away from foodstuffs and out of the reach of children and animals. Store above 0°C. Shake well before use.

SPILL CLEANUP

Wear appropriate protective equipment (gloves, glasses, apron) when attempting to clean up the spill. If the container is leaking, secure leak and place the container into a drum or heavy gauge plastic bag. Contact Syngenta Canada, Inc. at **1-800-327-8633 (FASTMED)** for further information.

For spills and leaks - contain the liquid with dikes of inert material (soil, clay, kitty litter etc.). Absorb the spill onto inert material and shovel into a sealable waste container.

On hard surfaces - sprinkle spill area with detergent and scrub in a small quantity of water with a coarse broom. Let stand 10 minutes then absorb onto an inert material and shovel into the waste container.

On soil - remove the top 15 cm of soil in the spill area and replace with fresh soil. Dispose of all waste including scrub brush in accordance with provincial requirements.

DISPOSAL OF UNUSED, UNWANTED PRODUCT

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

CONTAINER DISPOSAL:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,
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PRODUCT INFORMATION

SCIMITAR CS Insecticide is a photostable, synthetic pyrethroid insecticide. It is a fast acting stomach and contact insecticide effective against a broad spectrum of pests. It has no fumigant or systemic activity. Best results will be obtained with SCIMITAR CS Insecticide when applied against the early development stages of the pest as determined by regular monitoring.

DIRECTIONS FOR USE

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for this product for the use described below were developed by persons other than Syngenta Canada, Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Syngenta Canada, Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Syngenta Canada Inc. harmless from any claims based on efficacy or phytotoxicity in connection with the uses described below.

ANTS ON TURF – Directions for Use

Pest(s)	Ants
Site (Crop)	Turf (sod, golf course, home, industrial and commercial lawns)
Method of Application	Ground application only. Apply SCIMITAR CS as a broadcast foliar application to turf. Do not apply when turf is waterlogged or when soils are saturated with water.
Rate of Application and Spray Volume	3.7 mL product/100m ² (37 g ai/ha) and spray volume of 800-1000 L/ha. Delay irrigation or mowing for 2 days after application.
Number of Applications	Maximum of 4 applications per year. Applications should be made in spring and late summer.
Application Interval	Reapply after a minimum of 7 days if monitoring indicates further applications are required.
Application Timing	Apply prior to the establishment of high insect pest populations and significant turf damage. Applications should be made in spring and late summer.
OTHER	DO NOT APPLY BY AIR Keep children and pets off treated areas until spray has dried following the application. During mixing, loading, cleanup and repair wear long pants, long-sleeved shirts, chemical-resistant boots, chemical-resistant gloves and safety goggles or a face shield. When applying this product workers must wear long pants, long-sleeved shirts and chemical resistant boots. When applying this product using hand-held equipment, workers must also wear chemical resistant gloves.

Restrictions:

Field sprayer application: DO NOT apply during periods of dead calm. Avoid applications of this product when winds are gusty. DO NOT apply with spray droplets smaller than the ASAE medium classification.

DO NOT apply by air.

Buffer zones:

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of Application	Crop	Buffer zones (metres) required for the protection of :					
		Freshwater habitats of depths:			Estuarine/marine habitats of depths:		
		Less than 1 m	1 -3 m	Greater than 3 m	Less than 1 m	1 -3 m	Greater than 3 m
Field sprayer	Turf	65	25	10	120	120	120
Field sprayer with shrouds		20	10	3	120	120	35
Field sprayer with cones		45	20	5	120	120	85

OUTDOOR ORNAMENTALS – Directions for Use

Pest(s)	Black vine weevil adults (<i>Otiorhynchus sulcatus</i>)
Site (Crop)	Outdoor ornamentals
Rate of Application and Spray Volume	36 mL/100 L of water (3.6 g ai/100 L of water). Apply in sufficient volume to ensure thorough coverage, to a maximum volume of 750L/ha.
Number of Applications	Maximum of 3 applications per crop cycle.
Application Interval	Reapply after a minimum of 7 days if monitoring indicates further applications are required.
Application Timing	Applications are to be made as soon as adult weevils appear.
OTHER	Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 6 days for the post-application activity of cutting flowers. Do not use in residential areas. Residential areas are defined as any use site where bystanders including children could be exposed during or after application. This includes homes, schools, public buildings, or any other area where the general public including children could be exposed. Maximum spray volume of 750 L/ha.

Buffer Zones:

Field sprayer application: DO NOT apply during periods of dead calm. Avoid applications of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. DO NOT apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

Use of the following spray methods or equipment DO NOT require a buffer zone: hand-held or backpack sprayer and spot treatment. The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Buffer zones (metres) required for the protection of:			
		Freshwater habitats of depths		Estuarine/marine habitats of depths:	
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m
Field sprayer	Outdoor ornamentals	15	15	15	15
Airblast	Outdoor ornamentals	80	80	80	80

Resistance-Management Recommendations

For resistance management, please note that SCIMITAR CS Insecticide contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to SCIMITAR CS Insecticide and other Group 3 insecticides. The resistant individuals may dominate the insect population if this group of insecticide is used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

Where possible, rotate the use of SCIMITAR CS Insecticide or other Group 3 insecticides with different groups that control the same pests in a field.

Use tank mixtures with insecticides from a different group when such use is permitted.

Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.

Monitor treated pest populations for resistance development.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.

For further information or to report suspected resistance, contact Syngenta Canada, Inc. company representatives at 1-87-SYNGENTA (1-877-964-3682) or at www.syngenta.ca.

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