

<b>GROUP</b>	<b>un</b>	<b>ACARICIDE</b>
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# **ELECTICIDE SC**

## **Miticide Suspension**

Selective miticide for the control of twospotted spider mites and Lewis mites on indoor ornamentals grown in greenhouses, shadehouses and interiorscapes. For the control of twospotted spider mites on greenhouse vegetables (tomatoes, cucumbers, peppers, eggplants); and for the control of twospotted spider mites in Outdoor Grown Ornamentals and spruce spider mites in Conifers including Christmas trees.

### **COMMERCIAL**

**ACTIVE INGREDIENT:** bifenazate.....22.6 %

Contains 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0023% and 2-methyl-4-isothiazolin-3-one at 0.0007% as preservatives

**REGISTRATION NO: 34239 PEST CONTROL PRODUCTS ACT**

**READ THE LABEL BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**

NET CONTENTS: 0.5- 5 L

**Sharda Cropchem Limited**  
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**Canadian Agent:**  
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M9R1V1  
1-844-810-5720  
1-416-840-5639

24 Hour Emergency Response Number **1-613-996-6666**

## **PRECAUTIONS:**

1. KEEP OUT OF REACH OF CHILDREN.
2. May cause moderate eye irritation. Avoid contact with eyes or clothing.
3. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair.
4. If pesticide is spilled on work clothing, remove immediately. Wash thoroughly and put on clean clothing.
5. Work clothing should be washed with detergent and hot water. Wash work clothing separately from other laundry.
6. Do NOT contaminate food or feed products.
7. Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.
8. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at: [www.croplife.ca](http://www.croplife.ca).

## **ENVIRONMENTAL PRECAUTIONS:**

Toxic to aquatic organisms.

DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

## **FIRST AID:**

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**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 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 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 further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

### **TOXICOLOGICAL INFORMATION:**

Treat symptomatically.

### **STORAGE:**

Store this product away from food or feed.

Store product in original container only, away from other pesticides and fertilizer.

### **DISPOSAL:**

Do not reuse this container for any other 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.

For information on the 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.

### **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.

### **GENERAL INFORMATION:**

ELECTICIDE SC Miticide is a selective miticide for the control of twospotted spider mites and Lewis mites on indoor ornamentals grown in greenhouses, shadehouses and interiorscapes and for the control of twospotted spider mites on greenhouse vegetables (tomatoes, cucumbers, peppers, eggplants). ELECTICIDE SC Miticide will also control twospotted spider mites on outdoor ornamentals and spruce spider mites on outdoor ornamentals and Christmas trees (i.e., spruce, pine, fir and cypress).

When used as directed and applied to the foliage, ELECTICIDE SC Miticide provides quick knockdown through contact activity.

### **DIRECTIONS FOR USE:**

DO NOT apply using aerial application equipment.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

### **Mixing Instructions:**

Fill the spray tank with 1/2 the desired amount of water. Then add the required amount of ELECTICIDE SC Miticide with agitation running to fully disperse the product. Then fill the tank with the remaining amount of required water.

ELECTICIDE SC Miticide has been shown to degrade rapidly when mixed and stored with alkaline water of high temperature (50° C). To prevent degradation under alkaline conditions, solutions of ELECTICIDE SC Miticide must be used promptly. A commercially available buffering adjuvant should be added to the solution to reduce the pH to a neutral/acidic range.

### **USE RATES AND RECOMMENDATIONS:**

**Indoor ornamentals and greenhouse vegetables:** Mix 125 ml ELECTICIDE SC Miticide (30 g ai) in 400 L water and apply as a full coverage spray to the foliage to obtain uniform coverage. Actual spray volume will vary depending on the size of the plants being treated. Application should be made as soon as mites appear and will provide residual control for up to 28 days. For greenhouse eggplant, do not exceed a maximum finished spray volume of 2000 L/ha per application.

<b>Crop</b>	<b>Mites Controlled</b>	<b>Amount of ELECTICIDE SC Miticide per 400L</b>	<b>Total Number of Sprays per Crop Cycle</b>	<b>Restricted Entry Interval (REI)</b>
Indoor ornamentals grown in greenhouses,	Twospotted Spider Mite Lewis Mite	125 ml	2	12 hours

shadehouses

and interiorscapes				
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Crop	Mites Controlled	Amount of ELECTICIDE SC Miticide per 400L	Total Number of Sprays per Crop Cycle	Restricted Entry Interval (REI)	Pre Harvest Interval (PHI)
Greenhouse Tomatoes	Twospotted Spider Mite	125 mL	2	12 hours	0 days
Greenhouse Cucumbers Peppers and Eggplants					1 day

Make only one application of ELECTICIDE SC Miticide before rotating to products of an alternate chemical class

**NOTE:** ELECTICIDE SC Miticide is primarily active on the motile stages of mites. It is not effective against rust mites, broad mites and flat mites.

**Outdoor Grown Ornamentals and Conifers:** Mix 333 - 625 mL ELECTICIDE SC Miticide (150 g a.i.) in 1000L water. Apply sufficient spray solution to ensure thorough coverage of all plant surfaces. Actual spray volume will vary depending on the size of the plants being treated. Do not apply in a spray volume of more than 2000 L/ha. Application should be made as soon as mites appear and will provide residual control for up to 28 days.

Crop	Mites Controlled	Amount of ELECTICIDE SC Miticide per 1000L	Number of Sprays per Year	Restricted Entry Interval (REI)
Outdoor Grown Ornamentals	Twospotted Spider Mite	333 mL Note: It is important to keep the concentration of bifenthrin (i.e., 333 mL ELECTICIDE SC Miticide / 1000 L of water) constant if using a higher water volume (i.e., 333 mL ELECTICIDE SC Miticide in 1000 L/ha is equivalent to 666 mL ELECTICIDE SC Miticide in 2000 L/ha).	Up to 2 applications / year	12 hours

Outdoor Grown Conifers including Christmas trees (i.e. spruce pine, fir and cypress)	Spruce Spider Mite	625 mL Note: It is important to keep the concentration of bifenthrin (i.e., 625 mL ELECTICIDE SC Miticide / 1000 L of water) constant if using a higher water volume (i.e., 625 mL ELECTICIDE SC Miticide in 1000 L/ha is equivalent to 1250 mL ELECTICIDE SC Miticide in 2000 L/ha).	Up to 2 applications / year	12 hours
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**Restrictions:**

Do not use ELECTICIDE SC Miticide more than twice per year. Do not use ELECTICIDE SC Miticide in successive applications. Apply only one application of ELECTICIDE SC Miticide before rotating to products of an alternative chemical class.

**RESISTANCE MANAGEMENT RECOMMENDATIONS**

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

To delay acaricide resistance:

- Ensure thorough spray coverage to all foliage.
- Where possible, rotate the use of ELECTICIDE SC Miticide or other Group un acaricides with different groups that control the same pests.
- Use tank mixtures with acaricides from a different group that is effective on the target pest when such use is permitted.
- Acaricide 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 Sharda Cropchem Limited at 1-844-810-5720 .

**Plant Tolerance**

The manufacturer has not determined whether or not ELECTICIDE SC Miticide can be

used safely on all ornamental plants. Therefore, prior to any large-scale application to ornamental plants, the user should determine the safety of ELECTICIDE SC Miticide by testing a small number of plant cultivars to be treated at the recommended rates to ensure that phytotoxic response will not occur.