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2024-06-04

GROUP	<b>20D</b>	ACARICIDE
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# Floramite<sup>®</sup> 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 1,2-benzisothiazolin-3-one at 0.039% as a  
preservative

**REGISTRATION NO: 27924**

**PEST CONTROL PRODUCTS ACT**

**READ THE LABEL BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION – EYE IRRITANT**

NET CONTENTS: 0.5 - 5 L

UPL AgroSolutions Canada Inc.  
PO Box 12219  
Research Triangle Park, NC 27709

For product use information call: 1-800-438-6071

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**GENERAL INFORMATION:** Floramite 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). Floramite 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, Floramite SC Miticide provides quick knockdown through contact activity.

**DIRECTIONS FOR USE:**

**Mixing Instructions:**

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

Floramite 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 Floramite 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 Floramite 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 Floramite 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, shadehouses and interiorscapes	Twospotted Spider Mite  Lewis Mite	125 ml	2	12 hours

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Crop	Mites Controlled	Amount of Floramite 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 Floramite SC Miticide before rotating to products of an alternate chemical class.

**NOTE:** Floramite 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 Floramite 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 Floramite 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 Floramite SC Miticide / 1000 L of water) constant if using a higher water volume (i.e., 333 mL Floramite SC Miticide in 1000 L/ha is equivalent to 666 mL Floramite SC Miticide in 2000 L/ha).	Up to 2 applications / year	12 hours

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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 Floramite SC Miticide / 1000 L of water) constant if using a higher water volume (i.e., 625 mL Floramite SC Miticide in 1000 L/ha is equivalent to 1250 mL Floramite SC Miticide in 2000 L/ha).	Up to 2 applications / year	12 hours
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**Restrictions:** Do not use Floramite SC Miticide more than twice per year. Do not use Floramite SC Miticide in successive applications. Apply only one application of Floramite SC Miticide before rotating to products of an alternative chemical class.

### RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that Floramite SC Miticide contains a Group 20D acaricide. Any mite population may contain individuals naturally resistant to Floramite SC Miticide and other Group 20D acaricides. The resistant individuals may dominate the mite population if this group of acaricides is used repeatedly in the same greenhouses, shadehouses and interiorscapes. 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 Floramite SC Miticide or other Group 20D acaricides with different groups that control the same pests in a greenhouse, shadehouse or interiorscape.
- 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.

### Plant Tolerance

The manufacturer has not determined whether or not Floramite SC Miticide can be used safely on all ornamental plants. Floramite SC Miticide has been tested on a variety of ornamental plants with no phytotoxicity observed at the label rate. However, all plant species and their varieties and cultivars have not been tested with sequential pesticide treatments. Therefore, prior to any large-scale application to ornamental plants, the user should determine the safety of Floramite SC Miticide by testing a small number of plant cultivars to be treated at the recommended rates to ensure that phytotoxic response will not

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occur. The end-user assumes all risks arising out of application in a manner inconsistent with this label.

**PRECAUTIONS:**

1. KEEP OUT OF REACH OF CHILDREN.
2. May cause moderate eye irritation. Avoid contact with eyes or clothing.
3. During mixing, loading, applying, clean-up and repair activities, workers **MUST WEAR** chemical resistant gloves, long-sleeved shirt, long pants and shoes plus socks.
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. 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 HAZARDS:**

This product is highly toxic to aquatic organisms. Do not discharge effluent, waste and drainage water containing this product into water bodies, such as lakes, streams, ponds, rivers, and estuaries.

**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 AND DISPOSAL:**

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**STORAGE:** Store product in original container only, away from other pesticides, fertilizer, food or feed.

**DISPOSAL/DECONTAMINATION:**

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.
3. 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.

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