FLORAMITE® 240 SC
Reg. No.: L 8324 Act /Wet No. 36 of/van 1947

A selective contact suspension concentrate miticide for the control of Red Spider Mites (Tetranychus urticae) in Ornamentals

‘n Selektiewe suspensie konsentraat kontak mytdoder vir die beheer van Rooispinmyt (Tetranychus urticae) in blomme

IRAC INSECTICIDE GROUP CODE | 25 | IRAC INSEKDODERGROEP KODE

ACTIVE INGREDIENT/ AKTIEWE BESTANDDEEL:
Bifenazate (carbazate) / Bifenasat (karbasat) ................................................................. 240 g/l

Registration holder / Registrasiehouer: ARYSTA LifeScience South Africa (Pty) Ltd
7 Sunbury Office Park,
off Douglas Saunders Drive,
La Lucia Ridge, South Africa, 4019
Tel: 031 514 5600

Contents/Inhoud
(6)

Batch No. / Lot Nr.: 

Date of manufacture: / Datum van vervaardiging:

U.N. No. 3082

READ THE LABEL IN DETAIL BEFORE OPENING THE CONTAINER. / LEES DIE ETIKET VOLLEDIG VOORDAT DIE HOUER OOPGEMAAK WORD.
For full particulars, see enclosed leaflet. / Vir volledige besonderhede, sien ingeslote pamflet.
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WARNINGS:

- Handle with care.
- Irritating to eyes, skin and respiratory tract.
- Toxic to fish.
- Store in a cool, dry place away from food and feed.
- Keep out of reach of children, uninform ed persons and animals.
- Re-entry: Do not enter treated area, until spray deposit has dried unless wearing protective clothing.

Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions; quality of dilution water, incompatibility with other substances not indicated on the label and the occurrence of resistance of the pests to the remedy concerned as well as by the method, time and accuracy of application. The registration holder further does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in event of any uncertainty.

PRECAUTIONS

- Do not inhale the dust or spray mist.
- Avoid contact with the skin and eyes.
- In case of contact with eyes, rinse immediately with plenty of water.
- Wear suitable protective clothing, eye and face protection and rubber gloves during handling.
- Wash with soap and water after accidental skin contact.
- Wash contaminated clothing after use.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Do not eat, drink or smoke whilst mixing or applying the product or before washing hands and face.
- If swallowed, seek medical advice immediately and show this container or label.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean application equipment after use. Dispose of wash water where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Containers and packages must be completely emptied before being disposed of. Shake out thoroughly into the mixing tank or spray tank. Rinse the empty container three times with a volume of water equal to a minimum of at least 10 % of that of the container. Add the rinsings to the spray tank before destroying the container. Destroy the empty container/package and dispose of it in a safe manner
- **Never** re-use the empty container/package for any other purpose.

**RESISTANCE WARNING:**
For resistance management, **FLORAMITE® 240 SC** is a group code 25 insecticide. Any insect population may contain individuals naturally resistant to **FLORAMITE® 240 SC** and other group code 25 insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **FLORAMITE® 240 SC** or any other group code 25 insecticide.
To delay insecticide resistance:
- Avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank-mix with products from different insecticide group codes.
- Integrate other control methods (chemical, cultural, biological) into insect control programmes.
For specific information on resistance management contact the registration holder of this product.

**Mode of Action:**

**FLORAMITE® 240 SC** belongs to a new group of acaricides known as carbazates.

Mites, which have been sprayed with bifenzate, will become hyperactive after approximately 3 hours, and **will not feed anymore**. During the next few days, the activity of the mites gradually decreases, and after 3 to 4 days the maximum effect on the population is reached.

**FLORAMITE® 240 SC** is active on all stages (eggs, larvae, nymphs and adults) of mites, with the highest activity on larvae and nymphs. **FLORAMITE® 240 SC** is a contact acaricide and has no systemic or translaminar effects.

**Environment:**

**FLORAMITE® 240 SC** combines a high activity on harmful insects with a high selectivity to non-target organisms. **FLORAMITE® 240 SC** has a low toxicity to mammals, fish, birds, beneficial insects and mites, honeybees and soil organisms.

**Directions for use:** Use only as directed.

**Compatibility:**

**FLORAMITE® 240 SC** can not be mixed with all water conditioners. However, it is required that users conduct small scale trials under local conditions to ensure compatibility, and safety for the crop variety, prior to any large scale use.
**Mixing Instructions:**

Shake well before use. Fill the spray tank with ½ the desired amount of water. Add the required quality of FLORAMITE® 240 SC while consistently stirring. Then fill the tank with the remaining amount of required water. Do not store diluted solution overnight or for the extended periods.

**Application Instructions:**

- FLORAMITE® 240 SC works mainly by contact activity.
- When the level of mite control is less than 95% after the first spray, it is necessary to repeat the application within seven days. This is especially the case with dense vegetation, where penetration of the canopy, and coverage of the underside of the leaves is not optimal.
- Actual spray volume will vary, depending on the size of plants being treated. Therefore, ensure thorough spray coverage to all foliage. Low volume sprays are not recommended.

<table>
<thead>
<tr>
<th>Crop</th>
<th>Pest</th>
<th>Dosage</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only Roses in Green Houses</td>
<td>Red Spider Mite</td>
<td>40 ml per 100 l water</td>
<td>Apply when the first spider mites are observed. Apply as a full cover spray. It is essential to have a good under leaf spray coverage.</td>
</tr>
<tr>
<td></td>
<td><em>Tetranychus urticae</em></td>
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</tbody>
</table>

**Comments:**

- Do not exceed 4 applications per year when 2 treatments within a 7-day interval are applied. (In case the infestation was too high to obtain effective control with one application).
- Alternate with at least two products of two alternative chemical classes between treatment programme of FLORAMITE® 240 SC.
- Monitor regularly and apply FLORAMITE® 240 SC as soon as infestation are observed. Do not wait until large populations have established.
- Always apply FLORAMITE® 240 SC at the recommended rate and according to label recommendations.