FLORAMITE® 240SC

ACARICIDE

MAPP 19607

FLORAMITE® is a suspension concentrate for use as a selective acaricide on protected strawberries for control of the two-spotted spider mites (*Tetranychus urticae* and *T. cinnabarinus*)

GROUP 20D INSECTICIDE

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

IMPORTANT INFORMATION

FOR USE ONLY AS A HORTICULTURAL ACARICIDE

Crop	Maximum individual dose	Maximum number of treatments	Latest time of application
Strawberry (protected)	0.6 L product/ha	Two per year	7 days before harvest

Other specific restrictions

A minimum interval of 7 days between applications is required.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

SHAKE CONTAINER BEFORE USE

Approval Holder & Marketing Company:

UPL Europe Ltd, The Engine Rooms, 1st Floor, Birchwood Park, Warrington, WA3 6YN

Telephone: 01925 819999 Fax: 01925 817425

Batch No: see packaging

PROTECT FROM FROST

For 24 hour emergency information contact: CARECHEM24 +44 (0)1235 239670

250 ML

GB 2201321-03 1222

FLORAMITE® 240 SC:

A suspension concentrate formulation containing 240 g/L (22.65% w/w) bifenazate

WARNING

MAY CAUSE AN ALLERGIC SKIN REACTION

TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE

AVOID BREATHING MIST/SPRAY

AVOID RELEASE TO THE ENVIRONMENT

WEAR PROTECTIVE GLOVES

GET MEDICAL ADVICE/ATTENTION IF YOU FEEL UNWELL

IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ ATTENTION

WASH CONTAMINATED CLOTHING BEFORE RE-USE

COLLECT SPILLAGE

Contains 1,2-benzisothiazol-3 (2H)-one. May produce an allergic reaction.

To avoid risks to human health and the environment, comply with the instructions for use



SAFETY PRECAUTIONS

Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND GLOVES when handling the concentrate.

WEAR SUITABLE PROTECTIVE GLOVES when applying by hand-held equipment.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

TAKE OFF IMMEDIATELY all contaminated clothing.

DO NOT BREATHE SPRAY.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

AVOID ALL CONTACT WITH SKIN/EYES.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

IF YOU FEEL UNWELL, seek medical advice (show the label where possible).

AFTER CONTACT WITH SKIN/EYES, WASH IMMEDIATELY with plenty of water.

WASH HANDS AND EXPOSED SKIN before meals and after work.

Environmental protection

Do not contaminate water with the product or its container.

(Do not clean application equipment near surface water/ Avoid contamination via drains from yards and roads.)

Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

Safety data sheet available for professional user on request

Directions for use: see attached booklet

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This leaflet/booklet is part of the authorised Product Label

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

FLORAMITE® is a selective acaricide for the control of mite pests on protected strawberries. When used as directed and applied to the foliage, FLORAMITE® provides knockdown after approximately 4 days through contact activity, and a subsequent long residual control. FLORAMITE® controls all mobile stages of mites and additionally has some ovicidal activity against spider mites. FLORAMITE® is relatively inactive against predatory insects and mites and is, therefore, compatible with IPM programmes.

RECOMMENDATIONS
For the control of two-spotted and carmine spider mites (*Tetranychus urticae* and *Tetranychus cinnabarinus*).

Crop	Treatment	Standard spray mixture	Conditions and remarks
Strawberries (protected)	As soon as the first red spider mites are observed apply a standard spray. If necessary, especially in crops with dense foliage, repeat the standard spray after seven days have elapsed since the first spray. Two applications may be applied with a minimum interval of seven days between applications.	40 mL product per 100 litres water. If more than 1500 litres of total spray solution are required per ha, do not exceed more than 600 mL product in 1500 - 2500 litres of water per ha.	Apply at high volume using just sufficient volume of spray solution to give thorough, even coverage of both upper and lower leaf surfaces. Do not apply as a low volume spray.

Consideration for the environment and non-target arthropods

This product is harmful to non-target predatory mites. Use drift-reducing nozzles to avoid spray drift onto field margins, hedges, ditches, surface water and neighbouring crops. Do not spray in windy weather.

Re-entry periods

After use in protected environments, e.g. glasshouses, avoid re-entry for at least 2 hours whilst the spray dries on the leaves and full ventilation has been effected. Personnel working amongst treated crops should wear suitable long-sleeved garments and suitable gloves for 14 days after treatment.

Strategies for resistance management

When used as directed, FLORAMITE® combines high activity on mites with selectivity to predatory insects. Some adverse effects on predatory mites may be expected. In addition, the unique chemistry of FLORAMITE® provides a means of controlling mites which have developed resistance to other products.

To reduce selection pressure, which may lead to the development of resistance, FLORAMITE® should be used in moderation. To help achieve this, the following strategies are recommended:

- The number of treatment programmes per crop or per year must not exceed the statutory limits – see IMPORTANT INFORMATION.
- Alternate with at least two products of alternative chemical classes between treatment programmes of FLORAMITE®.
- Monitor regularly and apply FLORAMITE® as soon as infestations are observed. Do not wait until large populations have established.
- Always apply FLORAMITE® at the recommended concentrations and according to label recommendations.
- Incorporate IPM techniques into the insect and mite control programme. When used as directed, FLORAMITE® is compatible with several organisms available for biological control of harmful mites and insects. The use of these organisms in conjunction with FLORAMITE® is encouraged as a means of reducing the number of chemical applications.

Plant tolerance

FLORAMITE® has been tested on strawberries with no phytotoxicity observed at up to twice the recommended label rate. However, not all plant species and cultivars have been tested with possible tank mix combinations, sequential pesticide treatments and adjuvants and surfactants.

Therefore, prior to any large scale application, the user should determine the safety of FLORAMITE® by testing a small number of plants of the cultivar to be treated at the recommended rates to ensure that phytotoxic responses will not occur. The end user assumes all risks arising from application in a manner inconsistent with the product labelling.

PREPARATION OF THE SPRAY LIQUID:

Fill the spray tank with ½ the desired amount of water. Add the required quantity of FLORAMITE® while constantly stirring. Then, fill the tank with the remaining amount of required water. Use water with a pH from 5 - 7. Do not store spray liquid overnight or for extended periods.

COMPATIBILITY:

FLORAMITE® can be tank-mixed with other products. However, it is recommended that users conduct small scale trials under local conditions to ensure compatibility, and safety for the crop variety, prior to any large scale use.

REMARKS:

The possibility cannot be excluded that certain mite strains could develop resistance to this product. Owing to resistance development being unpredictable, the manufacturer cannot be held liable for any form of damage arising from a decreased efficacy of the product on resistant mites. If the user notes a decreased efficacy of the product, he/she is advised to use an alternative means of control.

LIMITATION OF LIABILITY:

Since the conditions of use of this material are beyond their control, neither the manufacturer nor the seller makes any warrant with regard to results from such use, whether or not such use is in accordance with any of the directions or recommendations, which they believe to be reliable. The purchaser accepts and uses the material subject to these terms and shall not hold the manufacturer or seller liable for the results of any uses of the material.

EU supplier details (for Northern Ireland only):

UPL Holdings Coöperatief U.A.
Claudius Prinsenlaan 144 A, Blok A, 4818CP Breda, The Netherlands

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