

04-NOV-2009

2009-3453

"Bottle"  
APOLLO® SC Ovicidal Miticide

GROUPE	10	INSECTICIDE
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**COMMERCIAL**

**CAUTION**                      **TRIPLE**



**POISON**                      **RINSE**

**GUARANTEE: Clofentezine\*, 500 Grams per litre**  
**\*3,6-bis(2-chlorophenyl)-1,2,4,5-tetrazine**  
**Contains 1,2-Benzisothiazolin-3-one at 0.0225% as a preservative**

**REGISTRATION NO. 21035**  
**PEST CONTROL PRODUCTS ACT**

**READ THE LABEL AND ATTACHED**  
**DIRECTIONS FOR USE BEFORE USING**

**PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.** Do not take internally. Avoid contact with skin, eyes, or clothing. All users must follow all handling precautions, use directions and clean-up procedures noted on the label. Wear a broad-brimmed hat, long-sleeved coveralls and apron (or a nonpermeable rainsuit) and suitable chemical resistant gloves during mixing, loading, application and clean-up to minimize exposure. Wash hands and exposed skin before eating, drinking, or smoking and after spraying or handling. Wash all contaminated clothing thoroughly before reuse. To protect fish and wildlife, do not contaminate lakes, streams, or ponds with APOLLO® SC OVACIDAL MITICIDE.

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).

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

**TOXICOLOGICAL INFORMATION:** Skin or eye contact may cause irritation. Medical personnel should contact Makhteshim-Agan of North America Inc. 1-919 256-9305.

**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 Product 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.

***SEE ACCOMPANYING LABEL FOR DISPOSAL INSTRUCTIONS, DIRECTIONS FOR USE, AND ADDITIONAL PRECAUTIONS.***

**Makhteshim-Agan of North America Inc.**  
4515 Falls of Neuse Road, Suite 300  
Raleigh, NC 27609  
1-919-256-9300

473 mL

**Product of Germany can. AP50.W a/9057**

"full label"

**APOLLO® SC OVICIDAL MITICIDE**

A Suspension Concentrate (SC) Formulation for Mite Control on Apples, Pears, Peaches, Nectarines, Raspberries, Strawberries and Outdoor Deciduous Nursery Stock

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**Makhteshim-Agan of North America Inc.**

**4515 Falls of Neuse Road, Suite 300**

**Raleigh, NC 27609**

**1-919-256-9300**

**PRECAUTIONS**

**KEEP OUT OF REACH OF CHILDREN.** Do not take internally. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. All users must follow all handling precautions, use directions and clean-up procedures noted on the label. Wear a broad-brimmed hat, long-sleeved coveralls and apron (or a non-permeable rainsuit) and suitable chemical resistant gloves during mixing, loading, application and clean-up to minimize exposure. Wash hands and exposed skin before eating, drinking, or smoking and after spraying or handling. Wash all contaminated clothing thoroughly before reuse. To protect fish and wildlife, do not contaminate lakes, rivers, streams, or ponds with APOLLO SC.

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**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.

**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.

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**TOXICOLOGICAL INFORMATION:** Skin or eye contact may cause irritation. Medical personnel should contact Makhteshim-Agan of North America Inc. 1-919 256-9305.

**STORAGE:** Store in original container, tightly closed, in a safe place.

## **DISPOSAL**

**RECYCLABLE CONTAINER:** 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.

**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 cleanup of spills.

**FOR FURTHER INFORMATION OR IN CASE OF FIRE, LEAKY OR DAMAGED CONTAINERS, REPORT AT ONCE TO: 1-800-334-7577.**

## **NOTICE TO USER**

This pest control product is to be used only in accordance with directions on the label. It is an offense 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.

## **DIRECTIONS FOR USE**

### **General Information**

APOLLO<sup>®</sup> SC OVACIDAL MITICIDE is a specific miticide which acts primarily as an ovicide but has an effect on young motile stages. Duration of residual activity on target mites, especially when applied between delayed dormant and first cover, depends upon age structure of treated mite populations, species of mite, and mite predator levels.

CAUTION: Do not graze the treated crops or the treated area; there are not sufficient data available to support such use.

DO NOT MAKE MORE THAN ONE APPLICATION OF APOLLO<sup>®</sup> SC OVACIDAL MITICIDE PER SEASON.

### Use on Apples and Pears

#### Target Species:

European red mite *Panonychus ulmi*, Two-spotted spider mite *Tetranychus urticae*, McDaniel spider mite *Tetranychus mcdanieli*

Apply with ground equipment using either dilute or concentrate sprays. Apply 300–600 mL APOLLO<sup>®</sup> SC OVACIDAL MITICIDE per hectare. When high dilution rate is used (3800 litres or more of water) use no less than 75 mL of APOLLO<sup>®</sup> SC OVACIDAL MITICIDE per 950 litres of spray. Use sufficient volume of water to obtain complete coverage but not less than 475 litres per hectare. Do not use less than 300 mL of APOLLO<sup>®</sup> SC OVACIDAL MITICIDE per hectare in concentrate sprays. APOLLO<sup>®</sup> SC OVACIDAL MITICIDE works best applied to eggs or young motile stages. It is not effective against adults.

#### Apples

APOLLO<sup>®</sup> SC OVACIDAL MITICIDE may be applied any time from delayed dormant through first cover. Best results in early season will be obtained if treatments are made at petal fall before mites hatch. Do not apply after first cover (provided first cover is not more than 14 days after petal fall.)

#### Pears

APOLLO<sup>®</sup> SC OVACIDAL MITICIDE may be applied early season (after delayed dormant) through to summer. Apply at first sign of mite activity when mite populations are predominantly in the egg stage, with few early motiles (less than 3 per leaf). Do not apply within 21 days of harvest.

#### NOTE:

Factors which may warrant consideration of rates higher than 300 mL APOLLO<sup>®</sup> SC OVACIDAL MITICIDE per hectare include:

1. Earliest seasonal timings for blocks with high overwintering European red mite egg populations.
2. When mite predator populations are low.
3. To ensure adequate coverage of full size standard trees and/or trees with heavy leaf densities.

### Use on Peaches and Nectarines

#### Target Species:

Two-spotted spider mite *Tetranychus urticae*, European red mite *Panonychus ulmi*,

Apply with ground equipment using air assist sprayer. Apply 300 mL APOLLO® SC OVACIDAL MITICIDE per hectare. Use sufficient volume of water to obtain complete coverage but not less than 475 litres per hectare. APOLLO® SC may be applied early season (after delayed dormant) through to 14 days after petal fall. Apply at first sign of mite activity when mite populations are predominantly in the egg stage, with few active, young motiles present. Do not apply within 21 days of harvest.

### **Use on Raspberries and Strawberries**

#### **Target Species:**

Two-spotted spider mite *Tetranychus urticae*, Apply at a rate of 500 mL/ha at first sign of mite activity. Apply with ground equipment using 500-1000 litres of water per hectare. Do not apply within 15 days of harvest.

### **DIRECTIONS FOR USE: Use on Outdoor Deciduous Nursery Stock:**

#### **Target Species:**

Two-Spotted Spider Mite (*Tetranychus urticae*) on outdoor deciduous nursery stock (including *Malus*, *Pyrus*, *Rosa*, *Clematis*, *Crataegus*, *Hedera*, *Potentilla*, *Ribes*, *Ulmus*, *Caragana*, *Euonymus*, *Salix*, *Prunus* and herbaceous perennials)

#### **Rate of Application:**

APOLLO® SC OVACIDAL MITICIDE is recommended at a concentration of 80 mL product per hectare (40 g a.i./ha) in 1000 litres of spray.

If adequate spray coverage of plant canopy requires less solution per hectare, the spray volume should be adjusted accordingly while using the same spray concentration (ratio of millilitres of product to litres of water). The application rate of 80 mL product/ha should not be exceeded.

Do not make more than one application of Apollo® SC Ovacidal Miticide per season.

#### **Method of application:**

Apply as a dilute spray using ground application equipment.

#### **Timing of application:**

APOLLO® SC OVACIDAL MITICIDE works best applied to eggs or young motile stages. It is not effective against adults.

APOLLO® SC OVACIDAL MITICIDE should be applied at the first sign of mite activity or egg laying. Apply when mite populations are predominately in the egg stage, with few active, young motiles present.

Do not enter or allow worker entry to treated areas during restricted entry interval (REI) of 12 hours

## **RESISTANCE MANAGEMENT RECOMMENDATIONS:**

For resistance management, please note that APOLLO® SC OVACIDAL MITICIDE contains a Group 10 acaricide. Any mite population may contain individuals naturally resistant to APOLLO® SC OVACIDAL MITICIDE and other Group 10 acaricides. The resistant individuals may dominate the mite population if this group of acaricides are 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:

- Makhteshim-Agan of North America Inc. recommends that APOLLO® SC OVACIDAL MITICIDE be applied only once per year. If additional miticide applications are needed during any one season, use a miticide with a different mode of action.
- Use tank mixtures with acaricides from a different group 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 Makhteshim-Agan of North America Inc. at 919 256-9300 or at [www.manainc.ca](http://www.manainc.ca).

**Apollo is a registered trademark of the Makhteshim Chemical Works Ltd.**

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