

2017-3980
2017-09-01

GROUP	10	INSECTICIDE
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"Bottle"
APOLLO® SC Ovicidal Miticide

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 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 Ovicidal MITICIDE.

Apply only when the potential for drift to areas of human habitation or areas of human activity (e.g. houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

Not for use in greenhouses.

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 the 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 ProPharma at 1-877-250-9291 (24 hours a day). *SEE ACCOMPANYING LABEL FOR DISPOSAL INSTRUCTIONS, DIRECTIONS FOR USE, AND ADDITIONAL PRECAUTIONS.*

ADAMA Agricultural Solutions Canada Ltd.
300 – 191 Lombard Avenue
Winnipeg, Manitoba
R3B 0X1
1-855-264-6262

For emergency medical help and health/safety inquires call ProPharma at 1-877-250-9291 (24 hours a day)

For spill, leak or fire call INFOTRAC at 1-800-535-5053 (24 hours a day)

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

COMMERCIAL

READ THE LABEL BEFORE USING

REGISTRATION NO.: 21035 PEST CONTROL PRODUCTS ACT

GUARANTEE: Clofentezine* 500 grams per litre

*3,6-bis(2-chlorophenyl)-1,2,4,5-tetrazine

Contains 1,2-benzisothiazolin-3-one at 0.23% as preservative

CAUTION TRIPLE



POISON RINSE

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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 broadbrimmed 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. Apply only when the potential for drift to areas of human habitation or areas of human activity (e.g. houses, cottages, schools and

recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

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ENVIRONMENTAL HAZARDS:

TOXIC to birds

TOXIC to small mammals

TOXIC to aquatic organisms Observe buffer zones specified under **DIRECTIONS FOR USE.**

To reduce runoff from treated areas into aquatic habitats, do not apply to areas with a moderate to steep slope, compacted soil or clay.

Do not apply when heavy rain is forecast.

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

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 spill, leak or fire call INFOTRAC at 1-800-535-5053 (24 hours a day)

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. The user assumes the risk to persons or property that arises from any such use of the product.

DIRECTIONS FOR USE

General Information

APOLLO[®] SC OVICIDAL 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[®] SC OVICIDAL MITICIDE PER SEASON.

Do not harvest within 21 days after application.

A minimum rotational crop plantback interval of 12 months must be observed for all crops other than those registered for use with clofentezine.

DO NOT use to control aquatic pests.

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

DO NOT apply by air.

*Field sprayer application: **DO NOT** apply during periods of dead calm. **DO NOT** apply this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. Boom height must be 60 cm or less above the crop or ground.*

*Airblast application: **DO NOT** apply during periods of dead calm. **DO NOT** apply this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.*

Use on Apples and Pears

Target Species:

European red mite (*Panonychus ulmi*), Twospotted spider mite (*Tetranychus urticae*), McDaniel spider mite (*Tetranychus mcdanieli*).

Apply with ground equipment using air assist sprayer. Apply 300 mL APOLLO® SC OVICIDAL MITICIDE per hectare. Use sufficient volume of water to obtain complete coverage but not less than 475 litres per hectare. APOLLO® SC OVICIDAL MITICIDE works best when applied to eggs or young motile stages. It is not effective against adults.

Apples

APOLLO® SC OVICIDAL 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). Do not apply within 21 days of harvest.

Pears

APOLLO® SC OVICIDAL MITICIDE may be applied early season (after delayed dormancy) 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. **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 OVICIDAL MITICIDE per hectare. Use sufficient volume of water to obtain complete coverage but not less than 475 litres per hectare. APOLLO® OVICIDAL MITICIDE 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 OVICIDAL 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 Ovicidal Miticide per season.

Method of application:

Apply as a dilute spray using ground application equipment.

Timing of application:

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

APOLLO[®] SC OVICIDAL 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.

Required Restricted Entry Intervals

Crop	Activity	REI
Apples, Pears, Peaches, Nectarines	Hand Thinning	2 days
	All Other Activities	12 hrs
Raspberries	Hand Pruning, Training, Tying	10 days
	All Other Activities	12 hrs
Strawberries	All Activities	12 hrs
Outdoor Deciduous Nursery	All Activities	12 hrs

Buffer Zones:

Use of the following spray methods or equipment **DOES NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive estuarine/marine habitats.

Buffer Zones for the Protection of Aquatic Life from Spray Drift of Clofentezine

	Crop		Buffer Zones (metres) Required for the Protection of:	
			Estuarine/Marine Habitats of Depths:	
			Less than 1 m	Greater than 1 m
Field sprayer	Strawberry, raspberry		1	1
Airblast	Apple, pear, peach, nectarine	Early growth stage	5	2
		Late growth stage	3	1

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that APOLLO® SC OVICIDAL MITICIDE contains a Group 10 acaricide. Any mite population may contain individuals naturally resistant to APOLLO® SC OVICIDAL 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:

- ADAMA Agricultural Solutions Canada Ltd. recommends that APOLLO® SC OVICIDAL 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 ADAMA Agricultural Solutions Canada Ltd. at 1-855-264-6262

Apollo is a registered trademark of ADAMA Group Company.