

Clofentezine SC

OVICIDE/MITICIDE

A Suspension Concentrate (SC) for Mite Management on Commercial Ornamental Plants in Greenhouses, Sarn and Shade Houses, Outdoor Containers, and Field-Grown Nursery Stock.
Not for Homeowner Use.

ACTIVE INGREDIENT:

Clofentezine: 3,6-bis (2-chlorophenyl)-1,2,4,5-tetrazine* 42.0%

INERT INGREDIENTS: 58.0%

TOTAL 100.0%

*Contains 1 pound of active ingredient per quart.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

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 center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact PROSAR at 1-877-250-9291 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

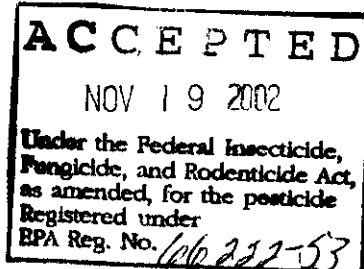
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

NET CONTENTS: __ OUNCES

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EPA Est. No.



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PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, poly-vinyl chloride (PVC), or Viton®
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply within 100 feet of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, and commercial fish farm ponds. Do not apply when weather conditions favor drift from treated area. Do not allow spray to drift off of crop, especially when spraying outer rows. Always direct spray *into* the crop. Do not contaminate water when disposing of equipment washwaters.

IMPORTANT—Read the entire Directions for Use and Disclaimer of Warranties before using this product.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval.

The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, poly-vinyl chloride (PVC), or Viton
- Shoes plus socks

GENERAL INFORMATION

Clofentezine SC Ovicide/Miticide is recommended for use on ornamental plants (including but not limited to conifers and nonbearing trees and vines, carnations, chrysanthemums, dieffenbachia, geraniums, impatiens, hydrangeas, potentillas, scheffleras, and roses) in greenhouses, saran and shade houses, outdoor container, and field grown nursery stock for management of plant-feeding mites.

Clofentezine SC is highly active on mite eggs and early mite stages. It has shown activity and persistence up to 45 days after application. Proper timing of application based on the utilization of scouting may delay or eliminate the need for subsequent applications of other miticides.

MIXING INSTRUCTIONS

Add the appropriate amount of Clofentezine SC to a partially filled spray tank under agitation. After adding Clofentezine SC, other tank mix components (adjuvants, fungicides, and insecticides), if required, may be added along with sufficient water to bring to the proper volume. Maintain agitation.

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Adjuvant Addition:

Often addition of adjuvants (stickers, spreaders, spreader-stickers, dormant oils, etc.) will aid in the performance of plant protection products under certain conditions. Generally an adjuvant is not required with Clofentezine SC where adequate spray coverage is achieved. Should inadequate spreading of the Clofentezine SC spray occur, the addition of a spreader or spreader sticker may be considered. If addition is warranted, trial applications must be followed using the instructions in the section below, **NOTICE TO USERS**, as phytotoxicity can result from such additions.

Ph Stability/Compatibility with other products:

Clofentezine SC is extremely stable over a wide range of pH. It has proven to be physically and chemically stable in tank mixes with a wide range of other plant protection products. If tank mixing is planned, evaluate both the physical and chemical (phytotoxicity) compatibility on a selected group of plants prior to full scale use. See **NOTICE TO USERS** section below.

NOTICE TO USERS

Clofentezine SC has demonstrated excellent plant safety; however, all species and varieties of ornamental plants have not been tested. If a user wishes to make an application to an ornamental plant not listed on the label but found on a similar use site and for a pest that is listed on the label, it is suggested that a trial application be performed first. For a trial application, make 2 applications at a 7- day interval, 2 fl. oz. per 100 gal., to 25 or more test plants grown under conditions similar to those under which the plants will be grown full scale. Wait 7 days after last application for final observation for phytotoxicity.

Clofentezine SC is magenta in color and may leave a residue on light colored flowers or foliage.

APPLICATION RECOMMENDATIONS

Clofentezine SC Ovicide/Miticide is recommended at a concentration of 2 fl. oz. per 100 gal. when used in high volume sprays using hand-held equipment. For low and ultra-low volume applications, apply 4 to 8 fl. oz. per acre. Applications irrespective of delivery method should not exceed 8 fl. oz. per acre per application.

Spray applications should be directed in a manner to cover all plant surfaces, especially the undersides of leaves.

CHEMIGATION STATEMENT

Do not apply this product through any type of irrigation system.

Frequency:

Clofentezine SC application is recommended only once per each crop cycle in greenhouse and saran and shade house culture. For outdoor ornamentals, Clofentezine SC application is recommended once per each crop cycle occurring within a year.

Mites Controlled:

Two-spotted spider mite
Pacific spider mite
McDaniel spider mite

European red mite
Yellow spider mite

Control is achieved through direct spray contact or by mite contact with Clofentezine SC residue on the treated foliage.

Timing:

Clofentezine SC is most effective in mite management when applied at the first sign of mite activity and egg laying. At that time, the susceptible female mite, egg, and first stage mite largely or totally make up the population. If a high population of adult mites is present at the time of application, Clofentezine SC should be tank mixed with an adult miticide. Test any tank mix for physical compatibility and crop phytotoxicity before broad scale application.

RESISTANCE MANAGEMENT

Clofentezine SC Ovicide/Miticide is an excellent tool for growers to use in their mite resistance management program. Proper application timing of Clofentezine SC may delay or reduce the number of subsequent applications of other miticides, extending their effective life as mite management products.

IPM/COMPATIBILITY WITH BENEFICIAL MITES, PREDATORY INSECTS, ETC.

Clofentezine SC Ovicide/Miticide has proven to have limited to no effect on beneficial insects, particularly predatory mites.

Clofentezine SC Ovicide/Miticide can be effectively used in IPM programs employing beneficial insects.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal.

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

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

(STORAGE AND DISPOSAL CONTINUED)

CONTAINER DISPOSAL: Triple rinse (or equivalent); then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DO NOT REUSE EMPTY CONTAINER.

WARRANTY STATEMENT

MAKHTESHIM-AGAN OF NORTH AMERICA warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of MAKHTESHIM-AGAN OF NORTH AMERICA. In no case shall MAKHTESHIM-AGAN OF NORTH AMERICA be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except as expressly provided herein, MAKHTESHIM-AGAN OF NORTH AMERICA makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at MAKHTESHIM-AGAN OF NORTH AMERICA's election, the replacement of this product.

Clofentezine SC (66222-53) (TO EPA 9-30-02)