



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 16, 2016

Ms. Laura Phelps
Product Registration Manager
MANA, Inc.
3120 Highwoods Blvd, Suite 100
Raleigh, NC 27604

Subject: Label Amendment – Adding a Hand-harvesting Restriction
Product Name: Clofentezine SC Ovicide/Miticide
EPA Registration Number: 66222-53
Application Date: August 2, 2016
Decision Number: 519959

Dear Ms. Phelps:

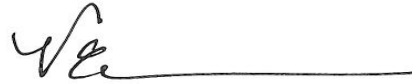
The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Dr. William Jacobs by phone at 703-305-6406, or via email at jacobs.bill@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'VE', followed by a horizontal line extending to the right.

Venus Eagle, Product Manager 01
Invertebrate and Vertebrate Branch 3
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

ACCEPTED

Aug 16, 2016

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 66222-53

Clofentezine SC

OVICIDE/MITICIDE

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

ACTIVE INGREDIENT:**% BY WT****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

Manufactured for:
Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Road, Suite 300
Raleigh, NC 27609

EPA Reg. No. 66222-53

EPA Est. No.:

NET CONTENTS: ____ OUNCES

FIRST AID	
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• 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:	<ul style="list-style-type: none">• 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:	<ul style="list-style-type: none">• 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:	<ul style="list-style-type: none">• 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.	

In case of spills, fire, leaks or accidents call 1-800-535-5053.

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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants;
- Chemical-resistant gloves made of barrier laminate, butyl rubber (>14 mils), nitrile rubber (>14 mils), neoprene rubber (>14 mils), natural rubber (>14 mils), polyvinyl chloride (>14 mils), or Viton (>14 mils); and
- Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then, wash thoroughly and change into clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing them. As soon as possible, wash thoroughly and change into clean clothing.

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.

Hand harvesting of flowers is restricted until 7 days after application

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 made of barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC), or Viton
- Shoes plus socks

PRODUCT INFORMATION

Clofentezine SC Ovicide/Miticide may be used on ornamental plants (including 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.

Tank mixtures are only permitted in States where all of the pesticide products used as tank-mix partners are registered. It is the pesticide user's responsibility to ensure that all products used in the tank mix are registered for the intended use. Users must follow the most restrictive of all of the labeled use directions, precautionary language, and use limitations for the tank-mix partners.

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.

When an adjuvant is to be used with this product, Makhteshim Agan of North America, Inc. suggests the use of an adjuvant certified by the Chemical Producers and Distributors Association.

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 second application for final observation for phytotoxicity.

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

APPLICATION DIRECTIONS

Mix Clofentezine SC Ovicide/Miticide at a concentration of 2 fl. oz. per 100 gal. when it is used in high-volume sprays applied using hand-held equipment. For low- and ultralow-volume applications, apply 4 to 8 fl. oz. of this product per acre. Do not exceed an application rate of 8 fl. oz. of product per acre, irrespective of delivery method.

Direct spray applications to cover all plant surfaces, especially the undersides of leaves.

For extended residual control, apply 8 fl. oz. of product per acre.

Do not hand-harvest flowers until at least 7 days after application of this product.

CHEMIGATION STATEMENT

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

Frequency:

Apply Clofentezine SC Ovicide/Miticide only once for each crop cycle in greenhouse, and saran and shade house culture. For outdoor ornamentals, apply Clofentezine SC Ovicide/Miticide no more than once per 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 mites, eggs, and first stage mites 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 programs. 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

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.

CONTAINER DISPOSAL:

Nonrefillable Container (five gallons or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake container for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling or reconditioning; or puncture and dispose of container in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (greater than five gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling or reconditioning; or puncture and dispose of container in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable Container: Refillable container. Refill this container with clofentezine only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

REFILLING OR RETURNING CONTAINERS:

If refilling or returning container is planned, end users are not authorized to remove tamper evident cables, one way valves or clean container.

RECYCLE OR DISPOSAL OF CONTAINERS:

End users are authorized to remove tamper evident cable as required to remove the product from the container unless the container is equipped with one way valves and refilling or returning is planned. Instructions for container rinsing and either recycling or disposal are as follows:

Bottom Discharge IBC (e.g. Schuetz Caged IBC or Snyder Square Stackable).

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve. Return container or offer for recycling if available, or puncture and dispose of container in a sanitary landfill.

Top Discharge IBC, Drums, Kegs (e.g. Snyder 120 Next Gen, Bonar B120, Drums and Kegs).

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Return container or offer for recycling if available, or puncture and dispose of container in a sanitary landfill.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES and LIMITATIONS OF LIABILITY.**

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the 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, Inc. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Makhteshim Agan of North America, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Makhteshim Agan of North America, Inc.'s election, the replacement of product.

Clofentezine SC (66222-53) (EPA Notif to EPA 12-18-2015)