



45639-143 11/16/99 1076
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOV 16 1999

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Diana Williams
AgrEvo USA Company
Little Falls Centre One
2711 Centerville Road
Wilmington, DE 19808

Subject: Ovation Ovicide/Miticide
EPA Reg. No. 45639-143
Application for amended registration dated August 3, 1999 - revised labeling
and change in product name.

Dear Ms. Williams,

Your proposal to change the name of the subject product to Clofentezine SC Ovicide/Miticide is acceptable. The revised label submitted with your application for amended registration has been reviewed and is considered acceptable provided you make the changes indicated below.

1. On the first page of your proposed label, in order to clarify that the product is for commercial ornamental use only, change the statement directly under the product name to read as follows:

"Suspension Concentrate (SC) for Mite Management on Commercial Ornamental Plants in Greenhouses, Saran and Shade Houses, Outdoor Containers, and Field-Grown Nursery Stock."

2. EPA will soon be issuing a PR Notice concerning improvements to the format and content of "First Aid" statements (formerly "Statement of Practical Treatment") on all pesticide product labels. The "First Aid" statements in the upcoming PR Notice will supersede the statements that are listed in the December 1996 Label Review Manual. In addition, EPA is currently revising the Label Review Manual; the revised manual will incorporate the updated "First Aid" statements from the PR Notice. At this time, we recommend that you incorporate the updated "First Aid" statements on your new product label by revising the instructions under "FIRST AID" to read as follows:

"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 of 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 the eye. Call a poison control center or doctor for treatment advice.

3. Revise the paragraph under **"PRECAUTIONARY STATEMENTS"** to read as follows:

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

4. On page 3 of your proposed label, under **"GENERAL INFORMATION,"** change the last sentence to read as follows:

"Proper timing of application, based on the utilization of scouting, may delay or eliminate the need for subsequent applications of other miticides."

5. On page 3, under **"APPLICATION RECOMMENDATIONS,"** add the phrase "using hand-held equipment" at the end of the first sentence after "when used in high volume sprays."

6. On page 3, under **"RESISTANCE MANAGEMENT,"** change **"will"** to **"may"** in the second sentence, so that the sentence reads:

"Proper application timing of Clofentezine SC may delay or reduce the number of subsequent applications of other miticides....."

Please submit one copy of your revised final printed labeling before you release the product for shipment. If the above specified conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions regarding this letter, please contact me by phone at (703) 305-5417 or via E-mail at Perreault.Peg@epa.gov.

Sincerely yours,



Peg Perreault
Chemical Manager, Team 4
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure (1)



AgrEvo®

3076

Clofentezine SC

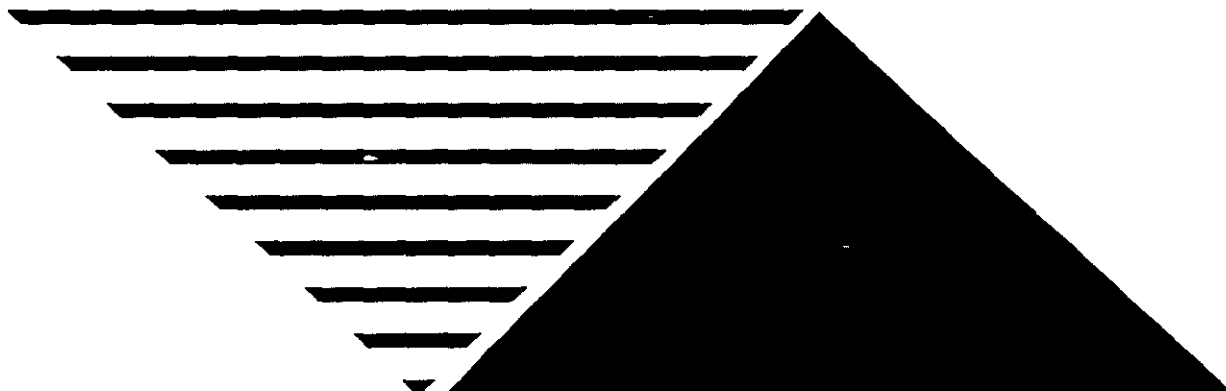
ACCEPTED
with COMMENTS
in EPA Letter Dated

Nov. 16, 1999

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

45639-143

OVICIDE/MITICIDE



Suspension Concentrate (SC) for Mite Management in Greenhouses,
Saran and Shade Houses, Outdoor Container, and Field-Grown Nursery Stock.

Not for Homeowner Use.

ACTIVE INGREDIENT:

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

42%

OTHER INGREDIENTS:

58%

TOTAL 100%

Contains 1 pound of active ingredient per quart.

EPA Reg. No. 45639-143

Protected by U.S. Patent No. 4,237,127

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF IN EYES: Flush with plenty of water. Call a physician
if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get
medical attention if irritation persists.

IN CASE OF MEDICAL, ENVIRONMENTAL, OR TRANSPORTATION EMERGENCIES OR INQUIRIES, CALL 1-800-471-0660 (24 HOURS/DAY).

FOR PRODUCT INFORMATION,
CALL TOLL-FREE: 1-800-331-2867

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Avoid contact with skin, eyes, or clothing. In case of skin contact, carefully remove contaminated clothing and wash affected area with soap and water. In case of eye contact, flush eyes with plenty of water. Get medical attention if irritation persists.

PERSONAL PROTECTIVE EQUIPMENT

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, polyvinyl 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 [40CFR Part 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.

STORAGE AND DISPOSAL

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

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: 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.

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, polyvinyl chloride (PVC), or Viton.
- Shoes plus socks

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

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, based on the utilization of scouting, will often delay or eliminate the need for subsequent applications of 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.

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. 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.

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	European red mite
Pacific spider mite	Yellow spider mite
McDaniel 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 will 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 can be effectively used in IPM programs employing beneficial insects.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond AgrEvo USA Company's control, it is impossible for AgrEvo USA Company to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of AgrEvo USA Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. AgrEvo USA Company disclaims any liability whatsoever for incidental or consequential damages, including, but not limited to, liability arising out of breach of contract, express or implied warranty (including warranties of merchantability and fitness for a particular purpose), tort, negligence, strict liability or otherwise.

LIMITATIONS OF LIABILITY: 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 AGREVO USA COMPANY'S ELECTION, THE REPLACEMENT OF PRODUCT.

© AgrEvo USA Company, 1995



AgrEvo USA Company
Little Falls Centre One
2711 Centerville Road
Wilmington, DE 19808
www.agrevo-green.com

