



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg.
Number:

89167-68

Date of Issuance:

7/2/20

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

AX Clofentezine SC

Name and Address of Registrant (include ZIP Code):

Karen Murphy
Axion AG Products, LLC
1880 Fall River Dr., Suite 100
Loveland, CO 80538

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

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

Date:

7/2/20

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 89167-68.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 02/14/2020

If you have any questions, please contact Marianne Lewis by phone at (703) 308-8043, or via email at lewis.marianne@epa.gov

Enclosure

[Note to reviewer: [Text] in brackets denotes optional or explanatory language
 [Note to reviewer: {Text} in braces denotes where in the final label text will appear
 {BOOKLET FRONT PANEL LANGUAGE}]

CLOFENTEZINE	GROUP	10A	INSECTICIDE
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AX CLOFENTEZINE SC

[Contains clofentezine, the active ingredient used in Apollo® [SC].]

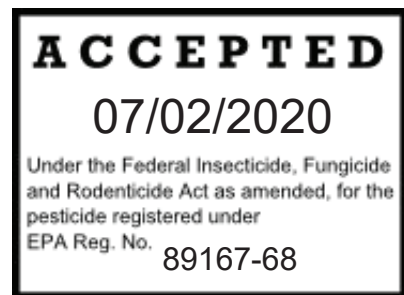
[A Suspension Concentrate (SC) Formulation for Mite Control on Avocado[*], Papaya[*], Apples, Pears, Apricots, Cherries, Grapes[**], Peaches, Nectarines, Persimmons, Almonds, Walnuts, Christmas Trees [*], and Christmas Tree Plantations[*]]

[* NOT FOR USE IN CALIFORNIA] [** NOT FOR USE IN NEW YORK]

ACTIVE INGREDIENT:	(% by weight)
Clofentezine: 3,6-bis (2-chlorophenyl)-1,2,4,5-tetrazine*	42.0%
OTHER INGREDIENTS:	58.0%
TOTAL	100.0%

*Contains 1 pound of active ingredient per quart.

**KEEP OUT OF REACH OF CHILDREN
 CAUTION / PRECAUCIÓN**



Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See inside label booklet for Precautionary Statements and Directions for Use.

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 do so 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	

For Chemical Emergency:

Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night 1-800-424-9300

EPA Reg. No.: 89167-XX

Net Weight: ____ Gal

EPA Est. No.:

Manufactured For:

AXION AG PRODUCTS, LLC 1880 FALL RIVER DRIVE, SUITE 100
 LOVELAND, CO 80538

070220

[AX CLOFENTEZINE SC is not distributed by ADAMA, seller of Apollo® [SC].]

{LANGUAGE INSIDE BOOKLET}

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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), polyvinyl chloride (PVC, >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 PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then, wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. 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 orchard. Do not contaminate water when disposing of equipment washwaters or rinsate.

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

PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow coming into contact with oxidizing agents, hazardous chemical reaction may occur.

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.

Clofentezine is unstable under alkaline and moderately acidic conditions and such conditions will result in chemical degradation of the miticide. Important: Buffer the carrier water at or below a pH of 5.0-5.5 before adding this product to the spray tank.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

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 made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride ≥ 14 mils, or viton ≥ 14 mils”
- Shoes plus socks.

USE RESTRICTIONS

DO NOT MAKE MORE THAN 1 APPLICATION OF **AX CLOFENTEZINE SC** PER YEAR.

Do not graze livestock in treated areas or harvest cover crop for livestock feed.

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

Do not apply by air.

USE INFORMATION

AX CLOFENTEZINE SC is a specific miticide, which acts as an ovicide. **AX CLOFENTEZINE SC** is not disruptive to beneficial insects and mites. It has good residual activity on European red mites, McDaniel mites, Pacific spider mites, two-spotted spider mites, Eriophyes and Yellow spider mites when applied according to label directions.

This product may only be used on the following crops: Pome Fruit Group 11-10, including Apple, Azarole, Crabapple, Loquat, Mayhaw, Medlar, Pear, Asian Pear, Quince, Chinese Quince, Japanese Quince, Tejocote, and cultivars, varieties, and/or hybrids of these; Apricots; Cherry Subgroup 12-12A, including Capulin, Black Cherry, Nanking Cherry, Sweet Cherry, Tart Cherry, and cultivars, varieties, and or hybrids of these; Peach Subgroup 12-12B, including Nectarine, Peach, and cultivars, varieties, and/or hybrids of these; Fruit, small, climbing, vine (except fuzzy kiwifruit) Subgroup 13-07F, including Amur River Grape (except New York), Gooseberry, Grape (except New York), Hardy Kiwifruit, Maypop, Schisandra Berry, and cultivars, varieties, and hybrids of these; Avocado (except California); Papaya (except California); Persimmon, Almond, Walnut, Christmas Trees (except California) and Christmas Tree plantations (except California).

Because **AX CLOFENTEZINE SC** acts primarily against the egg, apply **AX CLOFENTEZINE SC** at the first sign of mite activity. On apples, delayed dormant or early season applications of **AX CLOFENTEZINE SC** may not effectively control two-spotted spider mites or McDaniel mites which invade trees later in the summer. If the mite population is approaching damaging levels on the target crops, including European red mites on apples, or if pear rust mite is present, combine **AX CLOFENTEZINE SC** Ovicide/Miticide with an appropriate adulticide.

TARGET SPECIES

COMMON NAME	SCIENTIFIC NAME	COMMON NAME	SCIENTIFIC NAME
European red mite	<i>Panonychus ulmi</i>	Two-spotted spider mite	<i>Tetranychus urticae</i>
McDaniel spider mite	<i>Tetranychus mcdanieli</i>	Yellow Spider mite	<i>Eotetranychus carpini borealis</i>
Pacific spider mite	<i>Tetranychus pacificus</i>		

RATE & TIMING OF APPLICATION

If the mite population is approaching damaging levels on the target crops, combine **AX CLOFENTEZINE SC** with an appropriate adulticide.

Crop	Rate/Acre/Year	Timing ¹	PHI*
Avocado; Papaya***	4–8 oz	First sign of mites	3 days
Pome Fruit Group 11-10, including Apple, Azarole, Crabapple, Loquat, Mayhaw, Medlar, Quince, Chinese Quince, Japanese Quince, Tejocate, and cultivars, varieties, and/or hybrids of these	4–8 oz	Delayed dormant through first sign of mites	45 days
Pears and Asian pear	4–8 oz	First sign of mites	21 days
Fruit, small, climbing, vine (except fuzzy kiwifruit) Subgroup 13-07F, including Amur River Grape (except New York), Gooseberry, Grape (except New York), Hardy Kiwifruit, Maypop, Schisandra Berry, and cultivars, varieties, and hybrids of these	4–8 oz	First sign of mites	21 days
Apricots	2–8 oz**	First sign of mites	21 days
Cherry Subgroup 12-12A, including Capulin, Black Cherry, Nanking Cherry, Sweet Cherry, Tart Cherry, and cultivars, varieties, and or hybrids of these	2–8 oz**	First sign of mites	21 days
Peach Subgroup 12-12B, including Nectarine, Peach, and cultivars, varieties, and/or hybrids of these	2–8 oz**	First sign of mites	21 days 10 days (California only)
Persimmons	2-8 oz**	First sign of mites	140 days
Almonds	4–8 oz	First sign of mites	30 days 14 days (California)
Walnuts	4–8 oz	First sign of mites	30 days

¹Do not make more than 1 application of AX clofentezine SC per year.

*PHI = Pre-Harvest Interval, the **latest** timing for an application prior to harvest.

Applications with rates below 4 ounces of **AX CLOFENTEZINE SC per acre should only be used in association with established IPM programs and **only** when adequate beneficial insects/mites are prevalent.

*** Not for use on Avocado and Papaya in California

Factors which warrant the higher rates (4 to 8 ounces) of **AX CLOFENTEZINE SC** per acre include:

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

When an adjuvant is to be used with this product, Axion Ag Products suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

APPLICATION METHOD

Apply **AX CLOFENTEZINE SC** Ovicide by ground using either dilute or concentrate spray equipment. **Do not apply by air.**

Avocado[*] and Papaya[*]

[* NOT FOR USE IN CALIFORNIA]

50 to 400 gallons of water: Apply 4 to 8 ounces of **AX CLOFENTEZINE SC** per acre. Use sufficient volume of water to obtain complete coverage, but not less than 50 gallons per acre.

Apples and Pears

50 to 400 gallons of water: Apply 4 to 8 ounces of **AX CLOFENTEZINE SC** per acre. Use sufficient volume of water to obtain complete coverage, but not less than 50 gallons per acre.

For applications above 400 gallons per acre, use 1 to 2 ounces of **AX CLOFENTEZINE SC** per 100 gallons of spray. Do not apply less than 4 ounces of **AX CLOFENTEZINE SC** per acre.

Grapes [**]

[** NOT FOR USE IN NEW YORK]

At least 50 gallons of water: Apply 4 to 8 ounces of **AX CLOFENTEZINE SC** per acre.

Wine and Grape Juice: Tying/ training, hand harvesting and hand leaf pulling are not permitted within 39 days after application.

Table and Grape Raisin: Tying/ training and hand leaf pulling are not permitted within 14 days after application. Girdling and turning activities are not permitted after use of this product.

Apricots, Cherries, Persimmons, Peaches, and Nectarines

50 to 400 gallons of water: Apply 2 to 8 ounces of **AX CLOFENTEZINE SC** per acre.

Almonds and Walnuts

50 to 400 gallons of water: Apply 4 to 8 ounces of **AX CLOFENTEZINE SC** per acre. Use at least 6 ounces of **AX CLOFENTEZINE SC** south of California Highway No. 152.

A tank mix of **AX CLOFENTEZINE SC** with an adulticide may be warranted when adult mites are present. Do not use the tank mix under conditions where the adulticide alone is not recommended. Before use, read the adulticide label for additional information and precautions.

Christmas Trees and Christmas Tree Plantations[*]

[*NOT FOR USE IN CALIFORNIA]

50 to 400 gallons of water: Apply 4 to 8 ounces of **AX CLOFENTEZINE SC** per acre for control of Pacific spider mite, Spruce spider mite, and Two-spotted spider mite. Time applications for periods of peak egg laying or immature mite activity. Do not make more than one application per year.

RESISTANCE MANAGEMENT STRATEGIES (FOR INSECTICIDE)

AX CLOFENTEZINE SC contains a group 10A insecticide. Insect/mite biotypes with acquired resistance to group 10A may eventually dominate the insect/mite population if group 10A insecticides/acaricides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by **AX CLOFENTEZINE SC** or other products in group 10A.

To delay insecticide resistance consider:

- Avoiding the consecutive use of **AX CLOFENTEZINE SC** or other group 10A insecticides/acaricides that have a similar target site of action, on the same insect/mite species;
- Using tank-mixtures or premixes with insecticides/acaricides from a different target site of action group as long as the involved products are all registered for the same use and have different sites of action;
- Basing insecticide/acaricide use on a comprehensive IPM program;
- Monitoring treated insect/mite populations for loss of field efficacy; and
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for insecticide/acaricide resistance management and/or IPM recommendations for the specific site and resistant pest problems.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

Do not store above 100°F for extended periods of time. Storage below 20°F can result in formation of crystals. If product crystallizes, store at 50°F to 70°F and agitate to redissolve crystals. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

For plastic containers ≤ 5 gallons: Nonrefillable Container: Do not reuse or refill this container. Triple rinse container (or equivalent) 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 ¼ full with water and recap. Shake 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

For plastic containers > 5 gallons: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Recap 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of AXION AG PRODUCTS LLC or Seller, TO THE EXTENT CONSISTENT WITH APPLICABLE LAW All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold AXION AG PRODUCTS LLC and Seller harmless for any claims relating to such factors. AXION AG PRODUCTS LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or AXION AG PRODUCTS LLC, and TO THE EXTENT CONSISTENT WITH APPLICABLE LAW Buyer and User assume the risk of any such use. AXION AG PRODUCTS LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither AXION AG PRODUCTS LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF AXION AG PRODUCTS LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF AXION AG PRODUCTS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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[AX CLOFENTEZINE SC™ is a trademark of Axion Ag Products. Apollo® [SC] is a registered trademark of an ADAMA Group Company.]