



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

66222-65

Term of Issuance: Conditional

Name of Pesticide Product:

Apollo ® 42%  
Ovicide/Miticide

NOTICE OF PESTICIDE:

Registration

Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Makhteshim Agan of North America, Inc.  
551 Fifth Avenue, Suite 1100  
New York, New York 10176  
attn: Andy Eimanis

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/reregistered 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3)(c)(2)(B).

- 1. Revise the EPA Registration Number to read, "EPA Reg. No. 66222-65"

Signature of Approving Official:

Date:

Dani Daniel  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

NOV 18 2002

**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated  
NOV 18 2002

# Apollo® 42%

## OVICIDE/MITICIDE

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

A Suspension Concentrate (SC) Formulation for Mite Control on Pears, Apricots, Cherries, Peaches, Nectarines, Almonds, Walnuts, Christmas Trees, and Christmas Tree Plantations for use in California Only

ACTIVE INGREDIENT:	% BY WT
Clofentezine: 3,6-bis (2-chlorophenyl)-1,2,4,5-tetrazine*	42.0%
INERT INGREDIENTS:	58.0%
	<b>TOTAL 100.0%</b>

\*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. 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 (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.

**NET CONTENTS: 1 QUART**



### 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:**

- 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 orchard. 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

### USE PRECAUTIONS

**IMPORTANT:** DO NOT MAKE MORE THAN 1 APPLICATION OF APOLLO 42% PER SEASON.

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.

### GENERAL INFORMATION

APOLLO® 42% is a specific miticide, which acts as an ovicide. APOLLO 42% 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, and Yellow spider mites when applied according to label directions.

### For Use on Pears, Apricots, Cherries, Peaches, Nectarines, Almonds, Walnuts, Christmas Trees, Christmas Tree Plantations

Because APOLLO 42% acts primarily against the egg, apply APOLLO 42% at the first sign of mite activity. If the mite population is approaching damaging levels on the target crops, or if pear rust mites are present, combine Apollo 42% Ovicide/Miticide with an appropriate adulticide.

### RECOMMENDATIONS FOR USE

#### TARGET SPECIES

#### COMMON NAME

European red mite  
McDaniel spider mite

#### SCIENTIFIC NAME

*Panonychus ulmi*  
*Tetranychus mcdanieli*

#### COMMON NAME

Two-spotted spider mite  
Yellow spider mite

#### SCIENTIFIC NAME

*Tetranychus urticae*  
*Eotetranychus carpini borealis*

Pacific spider mite

*Tetranychus pacificus*

Spruce spider mite

*Oligonychus ununguis*

4 8 5

**RATE & TIMING OF APPLICATION**

Crop	Rate/Acre	Timing	PHI*
Pears	4-8 oz.	First sign of mites	21 days
Apricots, Cherries	2-8 oz.**	First sign of mites	21 days
Peaches, Nectarines	2-8 oz.**	First sign of mites	21 days
Almonds, Walnuts	2-8 oz.**	First sign of mites	30 days

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

\*\*Applications with rates below 4 ounces of APOLLO 42% per acre are recommended *only* in association with established IPM programs and *only* when adequate beneficial insects/mites are prevalent.

Factors which warrant higher rates (4 to 8 ounces) of APOLLO 42% 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.

**APPLICATION METHOD**

APOLLO 42% Ovicide/Miticide may be applied by ground using either dilute or concentrate spray equipment. *Do not apply by air.*

**Pears**

50 to 400 gallons per acre: Apply 4 to 8 ounces of APOLLO 42% 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 APOLLO 42% per 100 gallons of spray. Do not apply less than 4 ounces of APOLLO 42% per acre.

**Apricots, Cherries, Peaches, and Nectarines**

50 to 400 gallons per acre: Apply 2 to 8 ounces of APOLLO 42% per acre.

**Almonds and Walnuts**

50 to 400 gallons per acre: Apply 2 to 8 ounces of APOLLO 42% per acre. Use at least 4 ounces of APOLLO 42% south of California Highway No. 152.

A tank mix of APOLLO 42% 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, Christmas Tree Plantations**

50 to 400 gallons per acre: Apply 4 to 8 ounces of APOLLO 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.

**MANAGING MITE RESISTANCE**

Repeated use of miticides with a similar mode of action may lead to buildup of resistant strains of mites. For good resistance management practices, Makhteshim-Agan recommends that the ovicide APOLLO 42% Ovicide/Miticide be applied only once per season. If additional miticide applications are needed, use a miticide with a different mode of action.

**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**

**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.

Apollo® is a registered trademark.  
Viton® is a registered trademark of DuPont Company