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45639-135 File 1046

United States Environmental Protection Agency  
Washington, D.C. 20460

Office of  
Prevention, Pesticides and  
Toxic Substances

OCT 13 1993

Lesley Palmer Czoher  
NOR-AM CHEMICAL COMPANY  
3509 SILVERSIDE ROAD  
WILMINGTON DE 19803

Subject: Label Amendment Submission of 06/14/93  
in Compliance with WPS Labeling Requirements  
EPA Reg No. 45639-135  
APOLLO SC

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped "Accepted with comments" is attached. Make any required changes described in the attached and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)

2046  
Office of Pesticide Programs (H-7504C)  
U.S. Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460-0001

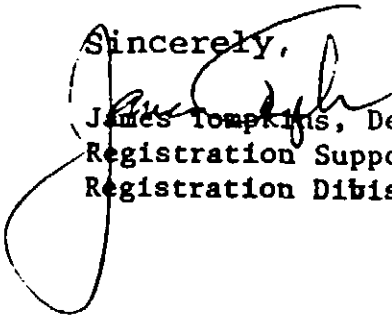
Hand or courier deliveries of final labels may be made to:

Document Processing Desk (FIN-LABEL)  
Room 266A Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling the "Agricultural Use Requirements" text must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely,

  
James Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

3046

# SPECIMEN LABEL

BEST AVAILABLE COPY

## RESTRICTED USE PESTICIDE

For the retail sale to, and use only by, Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

This label must be in the possession of the user at the time of the pesticide application.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

06/13/1992

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

45639-135

# Apollo®

## OVICIDE/MITICIDE

A Suspension Concentrate (SC) Formulation for Mite Control on Pears, Apricots, Cherries, Peaches, Nectarines, Almonds, and Walnuts

### ACTIVE INGREDIENT:

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

### Percent by Weight

42%

### INERT INGREDIENTS:

58%

TOTAL 100%

Contains 1 pound of active ingredient per quart.

EPA Reg. No. 45639-135

KEEP OUT OF REACH OF CHILDREN

## CAUTION

### STATEMENT OF PRACTICAL TREATMENT

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.

**NOR-AM**  
NOR-AM PESTICIDE COMPANY

ACCEPTED BY THE U.S. EPA  
EPA REG. NO. 45639-135  
2-11-1992  
Washington, D.C. 20543

NET CONTENTS:

**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 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 when weather conditions favor drift from treated area. Do not contaminate water when disposing of equipment wash waters.

**IN CASE OF FIRE, LEAKY, OR DAMAGED CONTAINERS OR OTHER EMERGENCY, REPORT AT ONCE BY TOLL-FREE TELEPHONE TO: 800-424-9300.**

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

**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, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**DO NOT RE-USE 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

## Use Precautions

- **IMPORTANT: DO NOT MAKE MORE THAN 1 APPLICATION OF APOLLO SC 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 SC is a specific miticide which acts as an ovicide and on the young motile stages. APOLLO 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, and Yellow spider mites when applied according to label directions.

### For Use on Pears, Apricots, Cherries, Peaches, Nectarines, Almonds, and Walnuts

Because APOLLO SC acts primarily against the egg and larval stages, apply APOLLO SC at the first sign of mite activity. If the mite population is approaching damaging levels or if pear rust mite is present, combine APOLLO SC with an appropriate adulticide. When tank mixing APOLLO SC with an adulticide, use label rates for both products.

## Recommendations For Use

### TARGET SPECIES:

European red mite ..... *Panonychus ulmi*  
McDaniel mite ..... *Tetranychus mcdanieli*  
Pacific spider mite ..... *Tetranychus pacificus*  
Two-spotted spider mite *Tetranychus urticae*  
Yellow spider mite ..... *Eotetranychus carpini*  
..... *borealis*

## 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 SC per acre are recommended only in association with established IPM programs and only when adequate beneficial insects/mites are prevalent.

Factors which may warrant consideration of higher rates of APOLLO SC per acre include:

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

## Application Method

APOLLO SC may be applied by ground using either dilute or concentrate spray equipment. Do not apply by air.

### Pears

50-400 gallons per acre: Apply 4-8 ounces of APOLLO 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 1-2 ounces of APOLLO SC per 100 gallons of spray. Do not apply less than 4 ounces of APOLLO SC per acre.

### Apricots, Cherries, Peaches, Nectarines, Almonds, and Walnuts

50-400 gallons per acre: Apply 2-8 ounces of APOLLO SC per acre.

## Managing Mite Resistance

Repeated use of miticides with a similar mode of action may lead to build-up of resistant strains of mites. For good resistance management practices, NOR-AM Chemical Company recommends that the ovicide/larvacide APOLLO SC be applied only once per season. If additional miticide applications are needed, use a miticide with a different mode of action, such as the adulticide CARZOL® SP.

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**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 NOR-AM Chemical Company's control, it is impossible for NOR-AM 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, OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES, OR DAMAGE 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 NOR-AM'S ELECTION, THE REPLACEMENT OF PRODUCT.

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