

PM 19

55947-97

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

Office of
Prevention, Pesticides and
Toxic Substances

OCT 15 1993

Jonathan E. Bryant
SANDOZ AGRO, INC.
1300 EAST TOUHY AVENUE
DES PLAINES IL 60018

Subject: Label Amendment Submission of 06/10/93
in Compliance with WPS Labeling Requirements
EPA Reg No. 55947-97
PENTAC AQUAFLOW MITICIDE

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)

2 of 10.
Office of Pesticide Programs (H-7504C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

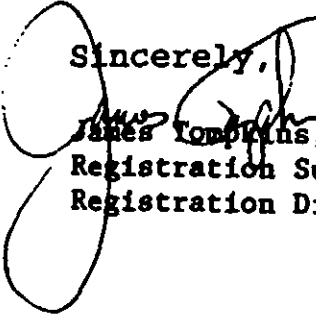
Hand or courier deliveries of final labels may be made to:

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)

CONTAINER LABEL.
PENTAC AQUAFLOW[®] MITICIDE

FOR USE ON GREENHOUSE ORNAMENTAL FLORAL AND FOLIAGE CROPS,
INDOOR ORNAMENTAL PLANTINGS AND PLANTSCAPES

ACTIVE INGREDIENT:

Decachloro bis (2,4-cyclopentadiene-1-yl) 38.0%

INERT INGREDIENTS: 62.0%

TOTAL 100.0%

*This product contains 4 pounds of active ingredient per gallon in a water-base flowable formulation.

KEEP OUT OF REACH OF CHILDREN

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

SEE BOOKLET FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard, 29 CFR part 170. Refer to the Supplemental Labeling under Agricultural Use Requirements in the Directions for Use section for information about this standard.

EPA Reg. No. 55947-97

EPA Est. No. 769-GA-1

Net Contents:

Sandoz Agro, Inc.
1300 East Touhy Avenue
Des Plaines, Illinois 60018

1993 Sandoz Agro, Inc.

Refer to the Directions for Use booklet attached to this container for proper use directions.

ACCEPTED
with COMMENTS
In EPA Letter Dated

OCT 15 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
55947-97

BEST AVAILABLE COPY

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DIRECTIONS FOR USE BOOKLET

PENTAC AQUAFLOW[®] MITICIDE

**FOR USE ON GREENHOUSE ORNAMENTAL FLORAL AND FOLIAGE CROPS,
INDOOR ORNAMENTAL PLANTINGS AND PLANTSCAPES**

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KEEP OUT OF REACH OF CHILDREN

WARNING - TOXIC - AVISO

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 ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 55947-97

EPA Est. No. 769-GA-1

U.S. Patent 4,136,125

PENTAC AQUAFLOW[®] and MAVRIK AQUAFLOW[®] are Registered Trademarks of Sandoz Ltd.

1993 Sandoz Agro, Inc.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING [REDACTED]

Causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid inhalation of spray mist. Wash thoroughly with soap and water after handling. avoid contamination of foodstuffs. Avoid spraying near aquaria containing fish.

STATEMENT OF PRACTICAL TREATMENT

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

Emergency Response Telephone Number (708) 699-1616

Personal Protective Equipment

✓ Vol. 2 - OK ✓ 60000-10000-000 SA

long-sleeved shirt and long pants
shoes plus socks

Detector skimmers and other electronic devices have been designed to readily compromise such data processing operations. For example, some electronic manufacturers have installed on standard equipment, such as IBM, a search instructions for washable type of paper and use of the word "copy" and with "copy" only for other models.

Recommendations

55-2616-10000

1. State of California County of San Diego City of San Diego
 2. Book 649 Page 51 and 50-53

[illegible][illegible]

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other aquatic organisms. Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwaters. Do not apply where run-off is likely to occur. Apply this product only as specified on this label.

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PENTAC AQUAFLOW is a specific miticide against most phytophagous species including Two-spotted, Tumid Spider, European Red and Broad Mites. For a more complete listing of mites controlled by **PENTAC AQUAFLOW** and ornamental plant uses, request Sandoz's **PENTAC AQUAFLOW** Technical Data Sheet.

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

DIRECTIONS FOR USE

Shake Well Before Using.

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 restrictions on the use of certain pesticides on certain crops. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not use 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.

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BEST AVAILABLE COPY

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

Add PENTAC AQUAFLOW® to water at recommended rates and mix well before spraying. Maintain agitation or agitate frequently while spraying. Use dilute spray mixture within 24 hours. Commonly used spreader-type spray adjuvants (except those intended for herbicide use) may be added to tank mix to enhance leaf surface wetting on hard-to-wet foliage, if needed.

It is important to assure complete coverage by spraying foliage to run-off, thoroughly wetting upper and lower leaf surfaces.

When heavy mite populations occur, usually during hot weather, a second application at the following interval is recommended for optimum control:

<u>USE</u>	<u>APPLICATION INTERVAL</u>
Greenhouse	7 days
Interior & Plantscape	7 days

To reduce likelihood of resistance, alternate treatments with MAVRIK AQUAFLOW® Insecticide (5 oz./100 gallons) or treat with a tank mix of PENTAC AQUAFLOW and MAVRIK AQUAFLOW.

GREENHOUSE USE

Apply PENTAC AQUAFLOW at 8 fluid ounces ($\frac{1}{2}$ pint) in 100 gallons of water (65 ml per 100 liters). Add recommended amount of PENTAC AQUAFLOW to partially filled tank of water, then complete filling and mix well before spraying.

For interior or greenhouse use on non-bearing fruit and nut stock*, apply in a similar manner.

*EXCEPT CALIFORNIA

INTERIOR AND PLANTScape USE

Apply PENTAC AQUAFLOW at 0.1 fluid ounce ($\frac{2}{3}$ teaspoon) per gallon (0.75 ml per liter). Mix well before spraying. It is important to assure complete coverage by spraying foliage to run-off, thoroughly wetting upper and lower leaf surfaces.

Avoid spraying wallcoverings, plastic (vinyl) surfaces, drapes, carpets, and upholstery.

RECOMMENDED APPLICATION

PENTAC AQUAFLOW is recommended for use on interior and greenhouse ornamental plantings and non-bearing fruits and nuts including those listed below:

Flowering Plants	Tropical Foliage Plants	Other Commercial Plants
Roses	Palms	Arborvitae
Miniature Roses	Maranta	Hemlock
Chrysanthemum	Zebra Plant	Spruce
Carnation	Schefflera	Birch
Gardenia	Dieffenbachia spp	Dogwood
Poinsettia	Aphelandra	Azalea
Snapdragon	Croton	Taxus
Zinnia	Pothos	Succulents
Delphinium	Aglaonema	Evergreen Trees
		Deciduous Trees
		Conifers, including
		Christmas Trees
		Non-bearing fruits
		& nuts (trees not
		bearing fruit
		within one year
		after application.)

STORAGE AND DISPOSAL

STORAGE: Pesticides must be stored away from other products, food or feed. Store away from direct sunlight or heat. In case of spill or leak, soak up with soil or other absorbent material.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage and 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 incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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**LIMITATION OF WARRANTY
AND LIMITATION OF LIABILITY**

NOTICE: Read this Limitation of Warranty and Limitation of 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.

It is impossible to eliminate all risks inherently 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 Sandoz or seller. All such risks shall be assumed by buyer or user.

Sandoz 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, under normal use conditions, subject to the risks described above. **SANDOZ MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

In no event shall Sandoz or seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SANDOZ OR 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 SANDOZ OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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