

Reg # 5011-49

PM - 13

7-5A 198



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

APR 15 1994

Webster J. Petterson
AIRE-MATE INC
BOX 406
WESTFIELD, IN 46074

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 02/15/94 in Response to PR Notice 93-7
EPA Reg. No. 5011-49
FORMULA GH-19

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

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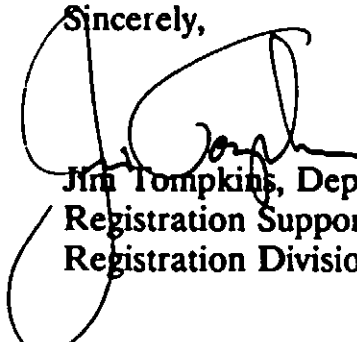
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

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

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Tompkins", is written over the typed name and title.

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

Attachment

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AIRE-MATE INC
5011-49 02/15/94
FORMULA GH-19
Original Submission

Delete the crossed-out statements on your proposed label. They are redundant statements or phrases.

Correct the typographical errors circled on your proposed label.

(CENTER PANEL)

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FORMULA GH-19


Organophosphate

A concentrated insecticide formulation for use on greenhouse ornamentals and to be applied with a Dyna-Fog® Applicator only.


ACTIVE INGREDIENTS:	
2,2 Dichlorovinyl dimethyl phosphate	9.3%
Related compounds	0.7%
Inert Ingredients*	90.0%
TOTAL 100.0%	

*Contains petroleum distillates

THIS PRODUCT CONTAINS 0.68 LBS OF DICHLORVOS PER GALLON

**POISON**

KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO

**POISON**

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.)

STATEMENT OF PRACTICAL TREATMENT
Organophosphate

IF SWALLOWED, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention. Have victim lie down and keep quiet. Call a physician immediately! **ANTIDOTES:** Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with Atropine.

IF INHALED, seek medical attention.

IF ON SKIN, remove contaminated clothing and wash with soap and water for at least 15 minutes.

IF IN EYES, flush with water for at least 15 minutes. Get medical attention.

See Side Panels For Additional Precautionary Statements

E.P.A. Reg. No. 5011-49

E.P.A. Est. No. 5011-IN-1

AIRE-MATE



MANUFACTURED BY

AIRE-MATE, INC.

17335 U.S. 31 NORTH, P.O. BOX 406
WESTFIELD, IN 46074
PHONE (317) 896-2531 • FAX (317) 896-3788

NET CONTENTS: 1 GALLON

ACCEPTED
with COMMENTS
In EPA Letter Dated

APR 15 1994

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

5011-49

BEST AVAILABLE COPY

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)

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Precautionary Statements:

Danger Poisonous by skin contact, inhalation or swallowing! Rapidly absorbed through skin! If on skin, wash immediately with soap and water. Do not get in eyes, on skin or on clothing. Avoid contact with skin at all times. In case of contact, immediately remove all contaminated clothing and flush skin or eyes with plenty of water for at least 15 minutes. For eyes, get medical attention. Do not breathe fog or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking or smoking and wear clean clothing. Keep out of reach of children.

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 E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- A. Coveralls over long-sleeved shirt and long pants.
- B. Chemical resistant gloves, such as Nitrile rubber 14 mils or Barrier laminate 14 mils or Neoprene rubber 14 mils or Viton 14 mils.
- C. Chemical-resistant footwear plus socks.
- D. Protective eyewear.
- E. Chemical-resistant headgear for overhead exposure.
- F. Chemical-resistant apron when cleaning equipment, mixing, or loading.
- G. A respirator with either an organic vapor-removing cartridge with prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

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ENVIRONMENTAL HAZARDS

This product is highly toxic to bees exposed to direct treatment or residue on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service. GH-19 is also toxic to fish, shrimp, crayfish, crabs and other aquatic invertebrates. Keep out of lakes, streams and ponds.

PHYSICAL or CHEMICAL HAZARDS

Do not use or store near open flame or heat.

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STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide Storage: Do not store with food, feed, drugs or clothing. Store securely to prevent cross contamination of other pesticides and fertilizer. Store in original, tightly closed container. Store above 35°F. Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by 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 Disposal: Plastic—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 the smoke. Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

If subjected to temperatures below 32 °F., move container to warm storage until reaching average room temperature and thoroughly mix before use.

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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 24 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:

- A. Coveralls over long-sleeved shirt and long pants.
- B. Chemical resistant gloves, such as Nitrile rubber \geq 14 mils or Barrier laminate \geq 14 mils or Neoprene rubber \geq 14 mils or Viton \geq 14 mils.
- C. Chemical-resistant footwear plus socks.
- D. Protective eyewear.
- E. Chemical-resistant headgear for overhead exposure.

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(DIRECTIONS FOR USE CONTINUED)

GH-19 should not be used on these varieties of Chrysanthemums: Shasta, Thelma, Almega, Fortune, Golden Chain, Columbia, Illini, Starlet, Calvert's Gold, Vanguard, Silver Strand, Illini Cascade, Illini Glacier, Vedova, Valencia and Yellow Kingpen. Also, Kangaroo Vine, and the Fashionette Rose variety. This product is highly toxic to bees exposed to direct treatment or residue on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

RECOMMENDATIONS: When applied as an aerosol with the Dyna-Fog® Applicator, GH-19 is recommended for the control of Red Spiders (Spider Mites), Aphids, Whiteflies, Thrips, Mealybugs and Chrysanthemum Leaf Miners on Carnations, Roses, Chrysanthemums, and on Tomatoes for the control of Whitefly. Whiteflies on Tomatoes: Apply when temperature is between 75° and 80°F. After 1½ hours exposure time, the house should be well ventilated. Do not treat tomatoes within 24 hours of harvest.

PREPARATION OF THE GREENHOUSE PRIOR TO FOGGING: (1) Close all doors, windows and ventilators. (2) Lock or barricade all entrances, ~~take precautions to prevent persons and animals from entering the area.~~ (3) Turn off all misting systems, fans, and sulfur pots. Be certain all blossoms and foliage are dry. (4) Room temperature should read 70° to 85°F for best insect kill.

APPLICATION: DOSAGE-(1) Calculate in cubic feet the greenhouse space to be treated. For Carnations, Roses, Chrysanthemums and Tomatoes-1 ounce of GH-19 will treat 3,000 cu. ft. of space: 16 ounces will treat 48,000 cu. ft.; and 32 ounces will treat 96,000 cu. ft. (2) Pour into the Dyna-Fog® applicator insecticide tank, the required number of ounces of Formula GH-19 to treat the calculated space.

APPLICATION: METHOD-(1) Open the metering valve counterclockwise on the Dyna-Fog® applicator to setting No. 3 on the dial. (2) Start the pulsating jet engine of the fog applicator and allow it to run for one full minute before opening the insecticide valve. (3) Walk backward down the entire length of the center aisle swaying the machine side to side directing the fog towards ceiling and under benches. Keep the fog applicator nozzle at a minimum of 4 feet from plants. The fog applicator should never be used in a fixed position-it is to be constantly moving so as to cover the entire area as evenly as possible. Do not over-apply to the point where foliage is visibly wet. Note: For ground benches, walk backward down the center aisle directing the fog applicator nozzle at a 30° angle downward so that the fog hits the ground. Repeat applications as often as necessary. Follow the AIRE-MATE® System-a method of alternating with other AIRE-MATE® formulas.

DURATION OF EXPOSURE: Length of exposure time is 1 1/2 hours with ventilators and doors closed. Damage may result with longer exposure periods. **FOG APPLICATOR NOTICE:** flush the insecticide tank of the Dyna-Fog applicator immediately after each use. Otherwise, residue from the formulation may remain in the tank and insecticide system and block the system completely, causing reduced fog output and poor insect control. Flushing immediately after using is a complete answer to the problem. To Flush: (1) Drain insecticide tank. (2) Pour at least 8 ounces of Dyna-Fog flushing Solution (FS-10) into tank (Fuel Oil may be used if flushing solution is not available). (3) Replace tank cap and rock applicator to loosen any residue. (4) Start machine (outside the greenhouse) and "fog" until tank is empty. (5) Loosen insecticide tank cap to relieve pressure. (8) Follow directions in manual for regular maintenance.

NOTICE: Seller makes no warranty other than specified on this label. The buyer agrees that the seller shall not be responsible or liable for injury to crop, soil, person or property arising from careless or improper use or handling of the product. Please use in accordance with seller's directions.

BEST AVAILABLE COPY