

PM 19 3125-381

7/1/96



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR 3-1994

Karen M. Pither
MILES INC.
AGRICULTURE DIVISION
8400 HAWTHORN RD BOX 4913
KANSAS CITY, MO 64120

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/09/93 in Response to PR Notice 93-7
EPA Reg. No. 3125-381
MORESTAN 4 ORNAMENTAL MITICIDE

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.

BEST AVAILABLE COPY



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

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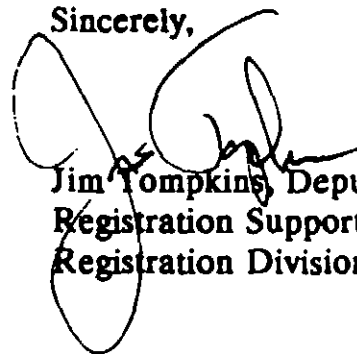
Submit the final printed labeling via the U.S. Postal Service to:

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,



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

Attachment

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MORESTAN 4 Ornamental Miticide

381-7896.YLD

Base Pre-Reg. (7896) ²⁹⁷ ^ψ

U.S. LABEL

Reason to Issue: To revise label in accordance to Worker Protection Standard, PR Notice 93-7.

Date of Draft: 06/23/93(Pre-Reg)(P)

MORESTAN[®]4
Ornamental Miticide

FOR EFFECTIVE CONTROL OF MITES AND WHITEFLIES

ACTIVE INGREDIENT:

6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one 38.4%

INERT INGREDIENTS: 61.6%
100.0%

Contains 4 lb 6-Methyl-1,3-dithiolo[4,5-b] quinoxalin-2-one per gallon

EPA Reg. No. 3125-381

STOP - READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN

CAUTION AVISO

(See rear panel for Statements of Practical Treatment and Other Precautionary Statements)

~~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.)~~

~~PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.~~

~~(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)~~



ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 3 1994

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

3125-381

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through the skin. Causes mild to moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. If sensitization reaction occurs, discontinue use and contact a physician. Avoid contact with skin, eyes or clothing. ~~Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse.~~ Keep out of reach of children.

Residues of MORESTAN on the skin may produce allergic skin reactions or an increased sensitivity to ultra violet light or sunlight in some persons. When applying sprays containing MORESTAN 4 Ornamental Miticide, it is recommended that ~~sufficient clothing be worn to cover most body areas and that a sun-screen lotion with a protection factor of 15 or greater be applied to body areas necessarily left uncovered, such as the neck and face.~~

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 or butyl rubber or nitrile rubber or neoprene rubber or 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 statements:

- 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:

User 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.

STATEMENTS OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water for 15 minutes. Get medical attention if irritation persists. **If on skin:** Remove contaminated clothing. Wash affected areas with plenty of soap and water. Get medical attention if irritation develops and persists. If signs of intoxication (poisoning) occur, get medical attention immediately. **If inhaled:** First, remove victim to fresh air or uncontaminated area. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention as soon as possible. **If swallowed:** Call a physician or Poison Control Center. If medical assistance cannot be given immediately, induce vomiting and get to a hospital. To induce vomiting, give 1 or 2 glasses of water and touch back of throat with finger. Repeat until

vomitus is clear. Or if available, administer syrup of ipecac (1/2 oz. or 15 ml.). If vomiting does not occur within 20 minutes, administer second dose. Do not give anything by mouth or induce vomiting to an unconscious or convulsing person.

Note To Physician: No specific antidote is available. Treat symptomatically. This product may cause an allergic skin reaction in some susceptible persons. This condition should be treated as an allergic dermatitis.

In case of poisoning, it is also requested that Miles, Inc., Kansas City, Missouri be notified. Telephone: 816-242-2582.

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ENVIRONMENTAL HAZARDS

MORESTAN miticide is toxic to fish. Do not apply where runoff is likely to occur. 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. In cleaning of equipment or disposal of wastes, do not contaminate streams, lakes, or ponds with this material.

DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions and Conditions of Sale before using MORESTAN 4 Ornamental Miticide.

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:

- Coveralls
- Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl rubber (PVC) or viton
- Shoes plus socks

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MILES OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

MORESTAN 4 Ornamental Miticide is recommended for residual control of mites, mite eggs, and whiteflies. The formulation mixes readily with water to form a suspension which is usable in all conventional hand or machine-operated sprayers. For best results, apply a thorough coverage before mites, mite eggs, or whiteflies are present in large numbers and before any foliar symptoms begin to appear. Apply during good drying conditions. (See Restrictions). Consult your State Agricultural Extension Service or Experiment Station for detailed information on timing of applications for most effective control.

Do not formulate this product into other end-use products.

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RECOMMENDED APPLICATIONS			
CROP	PEST	Fl Oz MORESTAN 4	REMARKS
ORNAMENTALS Flowers Shrubs Trees	Mites Mite eggs Whiteflies	4 to 8	Apply specified dosage per 100 gallons of water*. Spray all foliage surfaces including the underside of leaves for complete coverage. Repeat as necessary. (See Restrictions).
*This dosage of MORESTAN 4 Ornamental Miticide is calculated for conventional sprayers. When lower volumes of spray are applied as with low-pressure, low-volume, or mist-type equipment, increase the concentration of MORESTAN 4 Ornamental Miticide in the spray mixture in order to apply the amount of MORESTAN 4 Ornamental Miticide equivalent to a full coverage spray.			

RESTRICTIONS

Do not use spreader-sticker materials or agricultural spray oils in tank mixes with MORESTAN 4 Ornamental Miticide.

Do not allow sprays to drift onto other crops, including pastures.

Do not use on crops used for food and forage. Use only according to label directions. Do not treat crops grown in the greenhouse.

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

Extensive phytotoxicity testing has been conducted on many species of ornamental plants and most have not shown any injury resulting from foliar sprays of MORESTAN miticide.

However, under certain conditions of high temperature and humidity, occasional phytotoxicity may occur. Test spraying of a few plants should be done if no use experience is known. The following species of ornamentals have shown phytotoxicity at maximum use rates and applications should be avoided: Nicotiana, European Mountain Ash, Monkey plant, Euphorbia cotinifolia, Umbrella pine, River birch and Powderpuff tree. Chlorosis has occurred on certain varieties of Juniper. Test spray selected varieties prior to overall spray programs. Phytotoxicity has occurred on the foliage and flowers of certain varieties of roses, especially during periods of high humidity and temperature. Treat roses after cutting and before new growth appears. Before treating large plantings for the first time, treat a few plants and observe for 4 or 5 days.

STORAGE AND DISPOSAL

Pesticide Disposal: Do not contaminate water, food or feed by storage or 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.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking invert to prevent leakage. If the container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. In spill or leak incidents, keep unauthorized people away. You may contact the Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Miles Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

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Miles Inc.
 Specialty Products
 Box 4913, Kansas City, MO 64120-0013