



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

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, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

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



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

MORESTAN 4 Miticide

381-7966.YLD

Base Pre-Reg. (7966)

U.S. LABEL

Reason to Issue: To restrict label to those uses outside the Worker Protection Standard.

Date of Draft: 09/01/93(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 pounds 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

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

AVISO

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.)

MILES 

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 1
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
3125-381



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.

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.

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.

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

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.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification, and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.

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.

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