

PM 14 3125-288

File #  
1027

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

OCT 22 1993

Julie Spagnoli  
MILES INC  
AGRICULTURE DIVISION  
8400 HAWTHORN RD BOX 4913  
KANSAS CITY MO 64120

Subject: Label Amendment Submission of 06/24/93  
to Comply with WPS Labeling Requirements  
EPA Reg No. 3125-288  
RESUROL 75% WETTABLE POWDER

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 below and send three copies of final labeling as soon as it is available to:

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

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**MILES INC.**

**EPA Reg. Number: 3125-288**

**MESUROL 75% WETTABLE POWDER**

**Application date: 06/24/93**

**Original Submission**

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

Delete "notification to workers" from the first paragraph of the Agricultural Use Requirements section.

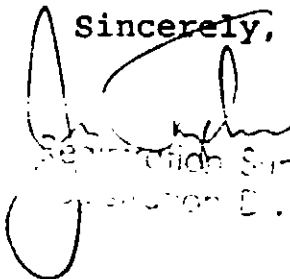
Delete from the Agricultural Use Requirements the following:  
"Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas."

There is a typographical error(s) in the engineering control statement(s).

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,



Registration Section  
EPA

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Reason to Issue: To comply with Worker Protection Standard

Date of Draft: 06/17/93(Pre-Reg)(S)

**RESTRICTED USE PESTICIDE**

Due to Avian Toxicity and Fish and Aquatic Organism Toxicity  
For 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.

**MESUROL 75% Wettab Powder**

# MESUROL®

## 75% Wettable Powder

# INSECTICIDE - MOLLUSCICIDE

**FOR CONTROL OF CERTAIN INSECTS AND MOLLUSKS  
ON ORNAMENTALS**

**ACTIVE INGREDIENT:**

methiocarb (4-methylthio-3,5-xylilmethylcarbamate) ..... 75%

**INERT INGREDIENTS:** ..... 25%

100%

EPA Reg. No 3125-288

Net Contents: \_\_\_ Pounds

**STOP - READ THE LABEL BEFORE USE**

**KEEP OUT OF REACH OF CHILDREN**

### WARNING AVISO

(See Rear Panel for Statements of Practical Treatment and Other Precautionary Statements)

~~PRECAUTION 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.)~~

~~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.~~



ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT 22 1993

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

3125-288

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# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## WARNING

Poisonous if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes or on skin. Wear protective clothing, natural rubber gloves, and goggles.

Do not breathe dust, or spray mist. Wear a mask or respirator similar to those used for protection against organocarbamate insecticides jointly approved by the Mining Enforcement and Safety Administration (formerly the U. S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

Do not contaminate feed or food. Keep out of reach of children. Keep all unprotected persons out of the operating area or vicinity where there may be danger of drift. Wash hands, arms, and face thoroughly with soap and warm water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

### Personal Protective Equipment

Applicators and other handlers must wear:

- Coveralls over short-sleeved shirt and short pants
- Water-proof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant hat for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing or loading
- For exposures in enclosed areas, a respirator with either an organic vapor-removal cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-21C) or a respirator with a prefilter and a cartridge (MSHA/NIOSH approval number prefix TC-14G)
- For exposure outdoors, dust/mist filtering respirator (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.

### Respiratory Protection

The enclosed label and instructions enclosed herein contain 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.

During aerial application, human flaggers must be in totally enclosed vehicles.

The enclosed label must be used 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.

**SYMPTOMS OF POISONING:** A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

**TO PHYSICIAN: ANTIDOTE -** Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance.

of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

**REPEATED OR PROLONGED EXPOSURE TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY CAUSE SUSCEPTIBILITY TO ADVERSE EFFECTS FROM VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.**

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## STATEMENTS OF PRACTICAL TREATMENT

### EMERGENCY PROCEDURES

If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Professional medical assistance should be

secured immediately. In case of poisoning, call a physician immediately. Have patient lie down and keep quiet.

If on skin, remove contaminated clothing and wash skin immediately with soap and warm water.

If eyes are contaminated, wash with flowing water for at least 15 minutes.

## ENVIRONMENTAL HAZARDS

Do not use on crops used for food or forage. Use only according to label directions.

This pesticide is toxic to fish and very highly toxic to birds. 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. Drift and runoff

from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

## 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.

• Waterproof gloves

• Chemical-resistant footwear plus socks

• Protective eyewear

• Chemical-resistant headgear for overhead exposure

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

### 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), notification to workers, 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 over short-sleeved shirt and short pants

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using MESUROL 75% Wettable Powder insecticide - molluscicide.

**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. BY PURCHASING, OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE

## DIRECTIONS FOR USE (Continued)

**FOR INSECT CONTROL:** MESUROL 75% Wettable Powder effectively controls certain specified destructive pests on ornamentals. Use specified quantities of MESUROL 75% Wettable Powder in sufficient water to give complete coverage of foliage. The type of equipment used will determine the concentration required. Thorough coverage is necessary for maximum insect control.

The product mixes readily with water to form a suspension usable in all conventional spray equipment. Maintain adequate agitation in the spray tank to keep the wettable powder in suspension. Do not apply with oil.

Schedule applications in accordance with local conditions.

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

RECOMMENDED APPLICATIONS FOR ORNAMENTALS			
CROP	PEST	DOSAGE MESUROL 75% WP	REMARKS
ORNAMENTALS (Nurseries and Greenhouse only)	Aphids Mites	1/2 to 1 lb	Apply specified dosage per acre in 50 gallons of water. Spray plants and foliage until thoroughly wet. Repeat as necessary applying up to 4 applications per season (8 lb of product per acre) NOTE: Do not apply in conjunction with foliar fertilizer applications.
Shrubs Flowers Trees	Snails Slugs	2 lb	

### RE-ENTRY STATEMENTS

~~Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas for 24 hours after application unless protective clothing is worn. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.~~

~~Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include these statements found under the label heading~~

~~"Precautionary Statements" and "Re-entry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: ~~VIA MAILING, area treated with MESUROL 75% Wettable Powder on (date of application). Do not enter treated areas for 24 hours after application unless protective clothing is worn. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes. If swallowed, vomiting should be induced. (See Precautionary Statements on label).~~~~

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**PROTECTIVE CLOTHING AND WORK SAFETY STATEMENTS**

~~Keep all unprotected persons, livestock, and pets away from treated areas or where there is danger of drift.~~

~~Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See First Aid (Practical Treatment) Section of the label.~~

~~WEAR THE FOLLOWING PERSONAL PROTECTIVE EQUIPMENT DURING MIXING, LOADING, APPLICATION, REPAIR AND CLEANING OF MIXING/LOADING/ APPLICATION EQUIPMENT, DISPOSAL OF THE SPRAY SOLUTION, AND EARLY REENTRY INTO TREATED AREAS:~~

~~long pants, shoes, socks, chemical resistant gloves,~~

~~IMPORTANT! Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting.~~

~~AFTER WORK: Before removing gloves, wash them with soap and water. Wash hands, face, and arms with soap and water. Launder all clothing worn during use with this product before reusing. Launder this clothing separately from household clothing. Clothing or gloves that have been heavily contaminated or drenched must be destroyed according to state and local regulations. HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.~~

~~DURING AERIAL APPLICATION, HUMANS FLAGGERS MUST WEAR TOTALY ENCLOSED GLOVES.~~

~~Aerial applicators are not required to wear chemical resistant gloves if in an enclosed cockpit.~~

**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:** Do not use container in connection with food, feed, or drinking water. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by 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 or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed 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

05/19/92

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