

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number: 400-485

Date of Issuance: DEC 21 2001

Term of Issuance: Conditional

Name of Pesticide Product: Meta-Mil Fungicide

NOTICE OF PESTICIDE:
[X] Registration
[] Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Uniroyal Chemical Company, Inc.
74 Amity Road
Bethany, CT 06524-3402

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act.

This product is conditionally registered in accordance with FIFRA se. 3 (c) (7) (A), provided that you:

I. Make the following label revisions:

- 1. Statements of Practical Treatment have been updated per Pesticide Registration (PR) Notice 2000-3. Revise the statements as follows:
A. Place the various elements into a boxed format as indicated in the PR Notice and replace the current heading with 'First Aid' rather than Statements of Practical Treatment.
B. The 'If in eyes:' statement must read:
- Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.'
C. The 'If on skin statement must read:
'If on skin or clothing:
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.'
D. The 'If swallowed:' statement must read:
- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

CONCURRENCES

Table with columns for SYMBOL, SURNAME, DATE, and Date. Includes handwritten signatures and dates.

E. Under the heading 'Note to Physician', replace the current information with 'Contains petroleum distillate - vomiting may cause aspiration pneumonia'.

F. Include this general statement with the first aid statements at the beginning or end: 'Have the product container or label with you when calling a poison control center or doctor, or going for treatment.'

G. It is recommended that an emergency phone number be included at the end of the above sentence, (F). If a number is included, also include a phrase or statement indicating the kinds of information available at the number and any limitation such as hours of service.

2. Since this is the label, delete the sentence 'See label for additional precautions and directions for use'.

3. Under precautionary statements add 'Wash thoroughly with soap and water after handling' and 'Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals'.

4. Under 'Applicators and other handlers must wear', revise the statement to read 'chemical-resistant gloves, such as barrier laminate or viton ≥ 14 mils'.

5. After 'Environmental Hazards' add a separate heading 'Groundwater Advisory' with the following statement 'This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination'.

6. In the 'Note' under 'Cotton', revise the statement to read 'When Meta-Mil is applied with Terraclor 2EC ... observe the most stringent precautions and restrictions that appear on any of the products' labels'.

7. Revise the EPA Registration Number to read '400-485'.

II. Submit two copies of your final printed label prior to release of the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment or the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. A copy of the product chemistry review is enclosed for your files. If there are questions concerning this matter, contact Dr. Tom Ellwanger at (703) 308-9352.

Sincerely,



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Enclosure

META-MIL™

FUNGICIDE
FOR CONTROL OF COTTON
SEEDLING DISEASES CAUSED BY
THE OOMYCETE CLASS OF FUNGI

Net contents:

COMPOSITION

Active Ingredient: (% by weight)	
(R)-2-[(2,6-dimethylphenyl) methoxyacetyl-amino]-propionic acid methyl ester (mefenoxam)	25.1%
Inert Ingredients*	74.9%
Total:	100.0%

META-MIL contains 2 lbs. active ingredient per gallon.
*This product contains petroleum distillates, xylene or xylene range aromatic solvent.

KEEP OUT OF REACH OF CHILDREN WARNING • 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.)

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES. Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash thoroughly with soap and water. Get medical attention if irritation persists.

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water, avoid alcohol. Immediately contact a physician, hospital or local Poison Control Center. Do not induce vomiting.

NOTE TO PHYSICIAN: If ingested, lavage stomach. A slurry of activated charcoal in water can be left in the stomach.

See Label for Additional Precautions and Directions for Use.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING/AVISO

Causes substantial, but temporary eye injury. Do not get in eyes or on clothing. Avoid contact with skin. Harmful if swallowed, or absorbed through the skin.

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 G on an EPA chemical resistance category selection chart.

Applicators and Other Handlers Must Wear: A long-sleeved shirt and long pants; chemical-resistant gloves, such as barrier laminate or viton; shoes plus socks and protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated by this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROL 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

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.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Apply only as specified on this label. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Keep away from heat and open flame.

ACCEPTED
with COMMENTS

In EPA Letter Dated:

DEC 21 2001

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

400-485

**UNIROYAL
CHEMICAL**

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), notification to workers and restricted-entry intervals. 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 48 hours.

Exception: If the product is soil-injected or soil-incorporated, the WPS, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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 viton
- shoes plus socks
- protective eyewear

Failure to follow the directions for use and precautions on this label may result in crop injury, poor disease control, or illegal residues.

GENERAL INSTRUCTIONS

META-MIL is a systemic fungicide to control certain disease caused by members of the Oomycete class of fungi. Other fungicides must be used to control diseases incited by other classes of fungi.

NOTE: META-MIL is a systemic fungicide having a specific mode of action and could be subject to development of insensitive strains of fungi. Development of insensitivity cannot be predicted. Therefore, Uniroyal Chemical Company, Inc. cannot assume liability for crop damage resulting from insensitive strains of fungi. If treatment is not effective following the use of META-MIL as recommended, an insensitive strain of fungi may be present. If the treatment is ineffective due to the presence of a META-MIL insensitive strain of fungi, neither META-MIL nor any other fungicide with similar action will effectively control that disease. Consideration should then be given to the prompt use of other types of suitable fungicides. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance on your particular crop and disease control situation. Where rate ranges are specified on this label, use the higher rate when heavy disease pressure is expected and the lower rate when disease pressure is expected to be light unless otherwise noted.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, as crop injury may result.

MIXING PROCEDURES: Add 1/4 to 1/2 of the required amount of water to the spray tank, add the proper amount of META-MIL, then add the rest

of the water. When tank mixing other products with META-MIL, follow the proper sequence of adding products to the spray tank. Wettable powders or water dispersible granules should be added to the water in the tank first, followed by flowable products, with emulsifiable concentrates, such as META-MIL added last. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.

META-MIL is usually compatible with Balan®, Bravo®, Dasanit®, + Di-Syston®, Dithane®, M-22, Dithane® M-45, Dasanit® + Nematicur®, Dasanit®, D.z.n.®, Enide®, Furadan®, Lorsban®, Manzate® 200, Mocap®, Mocap® Plus 4-2EC, Paarlant®, Terraclor® 2E, Terraclor® 75W, Terraclor® 400 and Tillam®.

To assure the compatibility of META-MIL with these and other products, pour the products into a small container of water in the correct proportions. After thorough mixing, let stand for 5 minutes. If the combination remains mixed, or can be re-mixed readily, the mixture is compatible.

GENERAL APPLICATION INSTRUCTIONS

Apply META-MIL by ground in sufficient water or liquid fertilizer. Refer to the specific crop directions for use for application recommendations.

BEFORE TANK MIXING META-MIL WITH OTHER REGISTERED PRODUCTS FOR ANY USE ON THIS LABEL, READ THE LABEL OF THE TANK MIX PARTNER TO BE CERTAIN IT IS LABELED FOR USE ON THE PARTICULAR CROP AND THAT USE PATTERNS ARE COMPATIBLE WITH THOSE OF META-MIL.

COTTON

Seedling Diseases and Seed Rots of Cotton caused by *Pythium spp.:* At planting time, apply an in-furrow spray of 2 to 4 fl. ozs. per 13,000 linear feet of row (0.15 to 0.3 fl. oz./1,000 linear feet) in 5 to 15 gallons of water or liquid fertilizer. Mount spray nozzles so the spray is directed into the furrow over the seed and adjacent soils just before the seeds are covered.

For broader spectrum seedling disease control, META-MIL can be tank mixed with 3 to 6 pints of Terraclor® 2EC per acre or, as a unit pack alternative, use labeled rates of Terraclor Super X® EC or Terraclor Super X® 18.8G

NOTE: When META-MIL is applied with Terraclor 2EC or any other product, observe all precautions and restrictions that appear on the other products labels.

REPLANTING

If replanting is necessary, additional application of META-MIL may be made, provided that the total amount of mefenoxam applied does not exceed the maximum allowed for the specific crop.

ROTATION (PLANTBACK) RESTRICTIONS

Do not plant any crop that is not registered for use with mefenoxam in mefenoxam-treated soil for a period of 12 months.

Rotation Crop	Planting Time from Last META-MIL Application
Citrus	0 days
Cucurbits	0 days
Eggplant	0 days
Head Lettuce	0 days
Leafy Vegetable (excluding Brassica)	0 days
Tobacco, Tomatoes	0 days
Crops Not Intended for Food or Feed	0 days
All Other Crops Intended for Food or Feed	12 months

STORAGE AND DISPOSAL

Store at temperatures above 40°F. Crystals may form at lower storage temperatures. If this occurs, place the product in a warm room (68°F or above) and roll or shake the container at frequent intervals until all the crystals are dissolved.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Wastes resulting from the use of this product are acutely toxic. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to federal, state, or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional Office.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration or by open burning, if allowed by state and local authorities. If burned, keep out of smoke. For minor spills, leaks, etc. follow all precautions, indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other chemical emergency, call (800) 424-9300, day or night.

EMERGENCY ASSISTANCE:

UNIROYAL CHEMICAL EMERGENCY PHONE	203-723-3670
SAFETY DATA AND INFORMATION	203-573-3303
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300

IMPORTANT NOTICE—Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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Bravo® is a registered trademark of ISK Biotech

Dasanit®, Di-Syston®, and Nema-cur® are registered trademarks of the Parent Company of Farbentabriken Bayer GmbH, Leverkusen

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