

35935-79

07-21-2010

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**U.S. ENVIRONMENTAL PROTECTION AGENCY**

Office of Chemical Safety and Pollution Prevention  
Office of Pesticide Programs  
Registration Division (7504P)  
1200 Pennsylvania Ave., N.W.  
Washington, DC 20460

EPA Reg. Number:

**35935-79**

Date of Issuance:

**JUL 21 2010**

Term of Issuance:

Conditional

Name of Pesticide Product:

**Metalaxyl Technical**

**NOTICE OF PESTICIDE:**

- Registration
- Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

**Nufarm Limited  
PO Box 13439  
RTP, North Carolina 27709**

Mailed to:

Nathan P. Ehresman  
Director, Regulatory Affairs  
Nufarm Americas, Inc.  
501 Cascade Pointe Lane, Suite 103  
Cary, NC 27513

**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. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered 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. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

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

1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

Page 1 of 2

Signature of Approving Official:

Mary L. Waller, Product Manager (21)  
Fungicide Branch/Registration Division/OPP/OCSP (7504P)

Date:

7/21/2010

JUL 21 2010

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2. You must submit the following conditional data within 18 months of the date of this registration:
  - a. Storage Stability (830.6317) and Corrosion Characteristics (830.6320) studies.
3. Make the following changes to the label:
  - a. Delete the box from around the Signal Word on page 1
  - b. Change the product registration number to "EPA Reg. No. 35935-79"
  - c. On page 2 in the section **HAZARDS TO HUMANS & DOMESTIC ANIMALS** add the following after the sentence "Harmful if swallowed or absorbed through the skin": "Wear goggles or face shield."
  - d. On page 2 in the second line from the bottom add a comma between Napa and Bok choy.
  - e. On page 4 in the section **LIMITATION OF LIABILITY** change "ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER...." to "TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER...."
4. Submit one copy of the revised final printed label for the record before the product is released 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 of the product constitutes acceptance of these conditions.

A copy of the label stamped "Accepted with Comments" is enclosed for your records.



Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7504P)

Enclosure:

Label stamped "Accepted with Comments"  
Memorandum – Impurities Discussion for New Formulation, DP372875 dated May 20, 2010

# METALAXYL TECHNICAL

FOR MANUFACTURING USE ONLY

**ACTIVE INGREDIENT:**

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-alanine methyl ester.....97.0%

**OTHER INGREDIENTS:**.....3.0%

**TOTAL:**.....100.0%

KEEP OUT OF REACH OF CHILDREN

## WARNING

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

**JUL 21 2010**

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

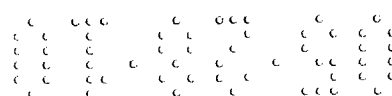
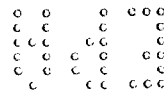
**75 935-79**

EPA REG. NO. 35935-TO  
EPA EST. NO. \_\_\_\_\_

MANUFACTURED FOR  
NUFARM Limited  
Research Triangle Park, NC 27709



NET CONTENTS \_\_\_\_\_ LBS. ( \_\_\_\_\_ KG)



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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
WARNING**

Causes substantial but temporary eye irritation. Harmful if swallowed or absorbed through the skin. **DO NOT** get in eyes or on clothing. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

<b>FIRST AID</b>	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• <b>DO NOT</b> induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	

**ENVIRONMENTAL HAZARDS**

**DO NOT** discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. **DO NOT** discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**DIRECTIONS FOR USE**

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

This product is intended for the formulation of fungicide products. This product may be used to formulate products for specific use(s) not listed on the MP label if the formulator, user group, or grower has complied with the U.S. EPA data submission requirements regarding the support of such use(s).

**FOR MANUFACTURING USE ONLY AS A FUNGICIDE FOR THE FOLLOWING USES:**

- 1) Terrestrial Food Crops including Home Gardens and Orchards :** Alfalfa, Birdfoot trefoil, Apples, Asparagus, Avocados, Berries: (Blueberries, Cranberries, Raspberries, Strawberries), Cassava, Citrus: (Citrus citron, Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines and all hybrids of these), Cole Crops: (Broccoli, Cabbage, Cauliflower, Chinese broccoli, Gai Lon, White flowering broccoli, Chinese cabbage (Napa, Bok choy), Cotton, Cucurbits: (Balsam pear, Chinese waxgourd, Citron melon, Cucumber, Gherkin, Edible gourds, Cantaloupe, Casaba, Crenshaw,

Honeydew melon, Honey balls, Mango melon, Muskmelon, Persian melon, Pumpkin, Summer squash, Winter squash, Watermelon, and Cucurbits hybrids), Ginseng, Hops, Leafy Vegetables: (Head Lettuce, Spinach), Legume Vegetables (Succulent or Dried): (Field beans, Lima beans, Mung beans, Navy beans, Pinto beans, Runner beans, Snap beans, Wax beans, Broad beans (Fava beans), Chickpeas (Garbanzo beans), Lentils, Lupines (Sweet, White sweet, White and Grain), Garden peas, Field peas, Sugar peas, Southern peas (Black-eyed peas, Crowder peas, Cowpeas, Catjang) and Edible soybeans, Onions: (Dry bulb, Green Onions, Spring onions or Scallions, Japanese bunching onions, Green shallots or Green eschalots. Leeks), Nut trees: (Almond and Walnuts), Papaya, Peanuts, Peppers and Eggplant, Pineapple, Root and Tuber Vegetables: (Jerusalem artichoke, Beet (Sugar and Table), Carrot, Cassava, Chicory, Ginger, Horseradish, Parsnip, Potato, Radish, Rutabaga, Salsify, Sweet potato, Tanier, Turnip, Yams), Soybeans, Stone Fruits: (Apricots, Cherries (Sweet and Sour), Nectarines, Peaches, Plums (Chickasaw, Damson, Japanese Prunes), Tobacco and Tomatoes.

- 2) **Seed Treatment Uses:** Carrots, Cotton, Peanuts, Soybeans, Sorghum, Spinach, Sunflowers, Garden Beets, Sugar Beets, Forage Legumes (Alfalfa, Clover, Lespedeza, Beans for Forage, Soybeans for Forage, Soybean Hay, Peanuts for Forage, Peanut Hay, Peas for Forage, Pea Vine Hay, Cowpeas for Forage, Cowpea Hay, Trefoil, Vetch, and Velvet Beans for Forage), Grain Crops (Wheat, Barley, Rye, Oats, Millet, Milo, Field Corn, Sweet Corn; Popcorn, Buckwheat, and Triticale), Rice, Seed and Pod Vegetables (Black-Eyed Peas, Chickpeas, Garbanzos, Cowpeas, Dill, Edible Soybeans, Field Beans, Field Peas, Garden Peas, Green Beans, Kidney Beans, Lima Beans, Lupines, Navy Beans, Okra, Peas, Pole Beans, Snap Beans, String Beans, Wax Beans, and Lentils), Peas, Cucumbers, Turf Grasses, and Forage Grasses.
- 3) **For Export Uses:** Cucurbit Vegetables, Fruiting Vegetables, Leafy Vegetables, Brassica (Cole) Leafy Vegetables, Root and Tuber Vegetables, Onions, Corn, Millet, Peas, Sorghum, and Sunflowers.
- 4) **Terrestrial Nonfood Uses:** Golf course turf, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields, uses on ornamentals grown in container, bench, flat, plug, bed or in the field, in greenhouses, shade houses, outdoor nurseries, retail nurseries, interiorscapes, and other landscape areas.
- 5) Uses for which the US EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and
- 6) Uses for experimental purposes that are in compliance with US EPA requirements.

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### STORAGE AND DISPOSAL

**DO NOT** contaminate water, food, or feed by storage and disposal.

**PESTICIDE STORAGE:** Always use original container to store pesticides in a cool, dry secured warehouse or storage building. **DO NOT** store near food and feed. Containers should be opened in well-ventilated areas. Keep container tightly sealed when not in use.

**PESTICIDE DISPOSAL:** Open dumping is prohibited. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

#### CONTAINER DISPOSAL:

**For Plastic or Paper Bags:** Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty bag into manufacturing equipment. Offer for recycling if available or 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.

**Plastic Containers:** Nonrefillable container: **DO NOT** reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Fiber drums with liners:** Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty liner by shaking and tapping both sides and bottom to loosen clinging particles. Empty residue into manufacturing equipment. Then offer fiber drum and liner for recycling, if available.

### WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.** UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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