

11678-66

08/25/2008

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

August 25, 2008

Jane Rothwell  
Makhteshim Chemical Works, c/o MANA, Inc.  
4515 Falls of Neuse Rd., Suite 300  
Raleigh, NC 27609


Subject: Amendment – Adding Crops ( beet(roots & tops), mayhaw, peanut, soybean, fruiting vegetable, and root vegetable)  
Bifenthrin Technical Insecticide/Miticide  
EPA Reg. No. 11678-66  
Your submission dated May 21, 2008

Dear Ms. Rothwell:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Add "If recycling is not available puncture or dispose of in a sanitary landfill or incineration or if allowed by stat and local authorities by burning. If burned stay out of smoke" after the statement "Offer for recycling, if available" under Container Disposal section.
2. Replace "bananas" with "bananas (import only)".

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Sincerely,  
  
George T. LaRocca  
Product Manager 13  
Insecticide Branch  
Registration Division (7505P)

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# BIFENTHRIN TECHNICAL

## INSECTICIDE/MITICIDE

<b>ACTIVE INGREDIENT:</b>	<b>% BY WT.</b>
Bifenthrin: (2- methyl[1,1'-biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-cyclopropanecarboxylate*	98.0%
<b>INERT INGREDIENTS:</b>	2.0%
	<b>TOTAL 100.0%</b>

\*Cis isomers 97% minimum, trans isomers 3% maximum.

EPA Reg. No. 11678-66

**EPA Est. No. 11678-ISR-002**

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
AUG 25 2008**

**Manufactured for:**  
Makhteshim Chemical Works, Ltd.  
c/o Makhteshim Agan of North America, Inc.  
4515 Falls of Neuse Road, Suite 300  
Raleigh, NC 27609

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

**NET CONTENTS: 55.1 GALLONS (25 KILOGRAMS)**

11678-66

### 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).

#### FIRST AID

- |                                |  |
|--------------------------------|--|
| <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>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</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> </ul>  |
| <b>IF ON SKIN OR CLOTHING:</b> | <ul style="list-style-type: none"> <li>• Call a poison control center or doctor for further treatment advice.</li> <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 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>  |

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact Prosar at 1-877-250-9291 for emergency medical treatment information.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

##### WARNING

May be fatal if swallowed. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. 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 sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

**PHYSICAL/CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

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

This material requires further mixing before use.

(1) Only for formulation into an insecticide/miticide for the following uses:

Artichokes (Globe)
Bananas
Beet, Garden (roots and tops)
Brassica, head and stem (subgroup 5A, except Cabbage)
Brassica, leafy greens, subgroup 5B
Cabbage
Caneberry
Canola
Christmas trees
Cilantro
Citrus Crop Group
Conifer Seed Orchards
Coriander
Corn (Field, Sweet, Popcorn)(Field, Sweet, Popcorn Grown for Seed)

Cotton
Crambe
Cucurbit Vegetables Group
Fruiting Vegetables Crop Group
Grapes
Greenhouse Grown Ornamental Trees, Shrubs, Plants, Flowers
Head and Stem Brassica Vegetables
Herbs (subgroup 19A)
Hops
Legume Vegetables
Legume Vegetables (Succulent Shelled and Dried Shelled)
Lettuce (head)
Mayhaw
Okra

Peanut
Pear
Radish (tops)
Rapeseed
Root and Tuber Vegetables Group (subgroup 1B)(except Sugar Beet and Garden Beet)
Soybean
Spinach
Strawberry
Tobacco
Tree Nut Group (Crop Group 14) including Pistachios
Tuberous and Corm Vegetables (subgroup 1C)
Turnip greens

**Terrestrial Non-Food:**

- Termiticide and Soil Contact Nonfumigation Treatment
- Wood Treatment and Protection
- Outdoor Insect Control
- Ornamental Plants, Trees, Shrubs, and Vines (woody)
- Residential Lawns
- Turfgrass (including golf courses), Sod Farms
- Indoor Insect Control

**Food Handling Establishments:**

- Places other than private residences in which food is held, processed, prepared, or served.
- (2) Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and
- (3) Uses for experimental purposes that are in compliance with USEPA requirements.

Formulators using this product are responsible for obtaining USEPA registration for their formulated product, which may be labeled for the use patterns, as found listed on this label.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Do not freeze. Do not store below 40°F. If solid crystals are observed, warm material to above 60°F by placing container in warm location. Shake or roll container periodically to redissolve solids.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area, and keep out animals and unprotected persons. Confine spills. Call INFOTRAC: 1-800-535-5053.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter, or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. Dispose of excess waste or pesticide by use according to label directions, or contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container (greater than 5 gallons). Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**SPILL, FIRE, LEAK or OTHER CHEMICAL EMERGENCY:** In the event of a major spill, fire, leak, or other emergency, call Infotrac at 1-800-535-5053, day or night.

**LIMITATION OF WARRANTY AND LIABILITY**

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES and LIMITATIONS OF LIABILITY.**

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Makhteshim Chemical Works, Ltd. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Makhteshim Chemical Works, Ltd. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or

otherwise, that extend beyond the statements made on this label. No agent of Makhteshim Chemical Works, Ltd. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Makhteshim Chemical Works, Ltd. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Makhteshim Chemical Works, Ltd.'s election, the replacement of product.