



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:
5481-534

Date of Issuance:
MAR 20 2007

Term of Issuance:
Conditional

Name of Pesticide Product:
Bifenthrin MUP

NOTICE OF PESTICIDE:

Registration
 Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):

Amvac Chemical Corporation
4695 MacArthur Court, Suite 1250
Newport Beach, CA 92660

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. 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 sec. 3(c)(7)(A), provided that:

1. You will submit and/or cite all data required for registration/reregistration 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.
2. You will make the following label changes before you release the product for shipment:
 - a) Revise the EPA Registration Number to read "EPA Reg. No. 5481-534."
 - b) The acute toxicity profile for this product is as follows:

Acute oral toxicity	II
Acute dermal toxicity	III
Acute inhalation toxicity	IV
Primary eye irritation	III
Primary skin irritation	IV
Dermal sensitization	positive

Based on the acute inhalation toxicity (category IV), delete "Avoid breathing vapor or spray mist", from the precautionary statements section. Also, add "Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals to precautionary statements section.

Signature of Approving Official:

George T. LaRocca
George T. LaRocca, Product Manager (13)
Insecticide Branch/Registration Division (7505C)

Date:

March 20, 2007

Enclosure

- c) Replace "Inert Ingredients" with "Other Ingredients" in the Ingredients section.
 - d) In the warranty statement replace the phrase "To the fullest extent permitted by law" with "To the extent consistent with applicable law". Also, delete paragraph (c) under the first paragraph of the warranty statement since such wording is not appropriate for a manufacturing use product. Add the phrase, "To the extent consistent with applicable law" to the beginning of the following sentences in the warranty statement, "The manufacturer neither makes nor intends, nor does it authorize ... etc." and "Buyers exclusive remedy and manufacturers or sellers exclusive liability etc."
 - e) In the *If Swallowed* first aid statement replace "Do not give an liquid to the person" with "Have person sip a glass of water if able to swallow".
 - f) Under *Environmental Hazards* add the toxicity statement. "This product is toxic to fish and aquatic invertebrates" as the first sentence in the paragraph.
 - g) Add in "(and Domestic Animals)" following the Hazards to Humans statement under precautionary statements.
 - h) Under *Directions for Use* delete "intended" in the statement: This product is intended for Manufacturing Use Only. Also replace the next two statements beginning, "This manufacturing use product (MUP) needs ... etc." and "Such end use products can be used at ... etc." with "Only for Formulation into an insecticide/miticide for:"
 - i) Add the following statement as the last paragraph under *Directions for Use*: "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."
3. Within one year from the date of this notice submit the results of studies for the guidelines: 830.6314 (oxidation-reduction), 830.6316 (explodability), 830.6319 (miscibility), 830.7100 (viscosity), 830.6317 (one year storage stability) and 830.6320 (corrosion characteristics) studies and the enforcement analytical method. For the storage stability study it is recommended that the observations be made at 0, 3, 6, 9, and 12 months intervals. Submit a copy of the enforcement analytical method to the EPA Analytical Laboratory, 701 Mapes Road, Ft. Meade, Maryland 20755-5350.
4. Please submit three (3) copies of your final printed labeling before releasing 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 of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

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

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AMVAC BIFENTHRIN MUP INSECTICIDE/MITICIDE For Manufacturing Use Only

ACTIVE INGREDIENT:		By Weight
Bifenthrin (2 methyl [1,1'-biphenyl]-3-yl) methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl-2,2-dimethylcyclopropanecarboxylate*		25.0%
INERT INGREDIENTS:		75.0%
	TOTAL	100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.
Contains 2.0 pounds bifenthrin per gallon.

KEEP OUT OF REACH OF CHILDREN WARNING

ACCEPTED
with COMMENTS
in EPA Letter Dated
MAR 20 2007


Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5481-634

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none"> • 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.
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:	
Transportation: CHEMTREC.....	1800-424-9300
Other: AMVAC.....	1323-264-3910
NOTE TO PHYSICIAN	
This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive.	

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

EPA Reg. No. _____
EPA Est. No. _____

Net Contents:
As Marked on Container


4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A
1-323-264-3910 • www.amvac-chemical.com

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

Warning

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

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other 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 into 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 MANUFACTURING USE ONLY

This manufacturing-use product (MUP) needs to be mixed with, or coated on to, other ingredients for preparing end-use products prior to use.

Such end-use products can be used at the following use-sites to control a wide range of insects and other arthropod pests:

- Agricultural crops
- Ornamental plants and forest trees
- Household
- Non-crop, wide area, and general indoor/outdoor treatments

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original containers only. Store in a 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 AMVAC: 1-323-264-3910.

To confine spill: If liquid dike surrounding area or absorb with sand, cat litter or commercial clay.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). 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. Do not cut or weld metal containers.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REFAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE FULLEST EXTENT PERMITTED BY LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

AMVAC Chemical Corporation
4100 E. Washington Boulevard
Los Angeles, CA 90023 U.S.A.
1-323-264-3910
www.amvac-chemical.com