

5481-447

06/25/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

5481-447

Date of Issuance:

JUN 25 2007

NOTICE OF PESTICIDE:

Registration
[X] Reregistration
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Dicrotophos Technical

Name and Address of Registrant (include ZIP Code):

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

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/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.

Based on your response to the Dicrotophos Reregistration Eligibility Document, as revised in Agency letters dated May 22, 2006 and February 23, 2007, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Any generic data requirements that may have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you make the following changes and submit one (1) copy of your revised final printed labeling incorporating these changes before you release the product for shipment:

It is understood that products released for shipment after 12 months from the date of this Notice will bear the new revised labeling.

A stamped copy of the label is enclosed for your records.

1. Add a statement to the beginning of the note to physician paragraph that the product contains a cholinesterase inhibitor.

Signature of Approving Official:

[Handwritten signature]

Date:

JUN 25 2007

2. Correct the Hazards to Humans and Domestic Animals statements to read as cited below.

Fatal if swallowed. May be fatal if absorbed through skin. May be fatal if inhaled. Causes moderate eye irritation. Do not get in eyes, skin or on clothing. Do not breathe spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

3. Correct the Precautions in Using paragraph as cited below.

a. Correct the third sentence to read as follows: "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

b. Remove the following redundant statement which already appears in the more appropriate location in the First Aid section: "If the material gets in the eyes, immediately flush with water for 15 minutes and get medical attention."

4. Remove the redundant instructions for cleanup and disposal of waste in case of a spill that are located in the Precautions in Using section. Such instructions already appear on the label in the more appropriate location in the Storage and Disposal section.

5. Correct the warranty and disclaimer statements as cited below to avoid misleading and/or overly broad statements. Refer to the Agency document entitled Guidance on Warranty Statements dated October 17, 2006. This document is located on the Agency's website at <http://www.epa.gov/pesticides/regulating/labels/warranty.pdf>.

The second and the last bold type sentences of the warranty and disclaimer section must be qualified by adding the text, "to the extent consistent with applicable law"; i.e. "To the extent consistent with applicable law, the manufacturer neither makes nor intends \_\_." and "To the extent consistent with applicable law, manufacturer or seller shall not be liable \_\_".

6. Relocate the second and third statements at the beginning of the Storage and Disposal paragraph ("Do not reuse empty container. Open dumping is prohibited.") to the more appropriate locations in the Container Disposal (the former statement) and the Pesticide Disposal (the latter statement) sections of the paragraph.

#### Confidential Statement of Formula (CSF)

The basic CSF dated March 30, 2005 has been found to be acceptable. It is understood that this CSF replaces all previous CSFs submitted for the product.

The Agency has completed the cumulative assessment for the organophosphate pesticides (OPs) and finalized the Interim Reregistration Eligibility Decisions (IREDs) for the OP pesticides. The assessment and supporting documents may be found on the Agency's web site at [www.epa.gov/pesticides/cumulative](http://www.epa.gov/pesticides/cumulative) and in the docket (EPA-HQ-OPP-2006-0618).



Meredith F. Laws, Chief  
Insecticide-Rodenticide Branch  
Registration Division (7504P)

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# DICROTOPHOS TECHNICAL

FOR FORMULATING PURPOSES ONLY

**ACTIVE INGREDIENT:**

Dicrotophos (Dimethylphosphate of 3-hydroxy-N, N-dimethyl-*cis*-crotonamide)..... 85.0%

**INERT INGREDIENTS:**..... 15.0%

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

**KEEP OUT OF REACH OF CHILDREN  
DANGER PELIGRO**



**POISON**

**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 by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</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 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>

**EMERGENCY INFORMATION**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Call a physician in all cases of suspected poisoning. If warning symptoms appear, keep patient prone and quiet. Start artificial respiration immediately if patient is not breathing. Transport the patient immediately to the nearest hospital.

**FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:**

Transportation: CHEMTREC..... 1-800-424-9300

Other: AMVAC..... 1-323-264-3910

**NOTE TO PHYSICIAN**

**Warning Symptoms:** Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

**Treatment:** Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, atropine sulfate should be injected at 10-minute intervals, in doses of 1 to 2 milligrams, until complete atropinization has occurred. Pralidoxime chloride (2-PAM chloride) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, an initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion in 250cc of saline over a 15-30 minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5 percent solution in water over not less than two minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children, the dose of 2-PAM is 0.25 gram. Morphine is an improper treatment. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has been attained as determined by blood test.

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

EPA Reg. No. 5481-447  
EPA Est. No. 5481-CA-1

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 25 2007

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

5481-447

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Fatal if swallowed. May be fatal if absorbed through skin. Harmful if inhaled. Rapidly absorbed through skin. Inhalation or skin contact may, without symptoms, progressively increase susceptibility to DICROTOPHOS insecticide poisoning. This product has a strong skin sensitizing potential. Do not swallow or get in eyes, on skin, or on clothing. Do not breathe vapors. Keep out of reach of children. Do not contaminate food or feed products.

### PRECAUTIONS IN USING

Wear clean natural rubber gloves, clean protective clothing, and goggles. Replace gloves frequently and destroy used gloves. Wear a pesticide respirator approved by the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling and before eating or smoking. If the material gets into the eyes, immediately flush with water for 15 minutes and get medical attention. In case of contact, remove all contaminated clothing and wash skin with soap and water. Wash clothing before reuse.

In case of spillage, cover spill area with sufficient amount of absorbent material (sand, sawdust, soil, etc.) to collect all of liquid. Next, decontaminate areas and equipment by washing with a dilute solution of alkali (less than 5% in water) and detergent. Absorb waste solution. Dispose of collected waste materials according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

### ENVIRONMENTAL HAZARDS

This chemical is toxic to aquatic organisms (fish and invertebrates) and wildlife. 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 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. Only for fomulation into an insecticide for use on:

- Outdoor, non-domestic, terrestrial, food use — Cotton.

This product may be used to formulate products for any additional use(s) not listed on the MUP label if the fomulator, user group, or grower has complied with the U.S. EPA submission requirements regarding support of such use(s).

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container. Open dumping is prohibited.

**STORAGE:** Store in a secure, dry, temperate area. Store in original container. Keep away from heat and open flame. If spilled, avoid exposure. If significant spill, do not attempt to clean up; call CHEMTREC 1-800-424-9300. Spill can be contained by covering with sufficient amount of absorbent (sand, soil, sawdust, etc.) to collect all liquid. Collected waste must be disposed of according to pesticide disposal below. Wear a pesticide respirator and protective clothing.

**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 according to label instruction, contact your State Pesticide or Environmental Control Agency or 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.

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## LIMITED WARRANTY AND DISCLAIMER

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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 REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT, SHALL MANUFACTURER OR SELLER 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 USA  
1-323-264-3910  
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