

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u>  x  </u> Registration <u>      </u> Reregistration (under FIFRA, as amended)</p>	<p>EPA Reg. Number: 5481-523</p>	<p>Date of Issuance: AUG 10 2005</p> <p>Expiration Date: July 31, 2008</p>
	<p>Term of Issuance: Conditional</p>	
	<p>Name of Pesticide Product: Topramezone Technical</p>	
<p>Name and Address of Registrant (include ZIP Code): Amvac Chemical Corp. 4695 MacArthur Court, Suite 1250 Newport Beach, CA 92660</p>		
<p><b>Note:</b> 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.</p>		
<p>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.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(C) provided that you:</p> <ol style="list-style-type: none"> <li>1. Make the following label changes listed below before you release the product for shipment: <ol style="list-style-type: none"> <li>a. Add the phrase, "EPA Reg. No. 5481-523".</li> <li>b. According to our records the CAS chemical name for topramezone is:  [3-(4,5-dihydro-3-isoxazolyl)-2-methyl-4-(methylsulfonyl)phenyl](5-hydroxy-1-methyl-1H-pyrazol-4-yl)methanone.</li> </ol> <p>Correct the ingredient declaration.</p> </li> </ol>		
<p>Signature of Approving Official: <i>Joanne S. Miller</i></p>		<p>Date: AUG 10 2005</p>

c. If all of the Precautionary Statements cannot appear on the front panel add a referral statement similar to the following:

See back panel for additional precautionary statements.

d. Update the Hazards to Humans section to include the following:

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

e. The Pesticide Disposal Statement "Pesticide Wastes are acutely toxic" is inappropriate since this product is Classified in Toxicity Category III - CAUTION for this route of exposure. The Text on the Topramezone SC labeling appears appropriate. Refer to PR Notice 83-3. A copy is available at the following web site:

[http://www.epa.gov/PR\\_Notices/](http://www.epa.gov/PR_Notices/)

f. Policy and Criteria Notice 2163.1 states that the Agency will not conduct a detailed review of such liability disclaimers or purported buyer agreement to assume risk; the approval of labels with such statements should not be construed as a decision by the Agency that the language is not misleading and that the label language might eventually have to change.

2. Submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on field corn is conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1, and ends September 30. The product information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.

This information is to be submitted to:

Registration Support Branch  
Registration Division (7505C)  
Environmental Protection Agency  
Washington, DC 20460

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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4. Submit by July 31, 2008 the following Studies conducted on accordance with the Good Laboratory Practice Standards, 40 CFR Part 160 and appropriate test guidelines as referenced in EPA's Data Requirements for Registration Regulations, 40 CFR Part 158:

- a. Five batch analysis of technical produced on commercial scale
- b. Aerobic Soil Metabolism (162-4)
- c. Anaerobic Aquatic Metabolism (162-3)
- d. Mobility in Soils (163-1)
- e. Frozen Storage Stability
- f. Avian Subacute Dietary (71-2(a))
- g. Avian Reproduction (71-4(a))
- h. Avian Reproduction (71-4(b))
- i. Aquatic Invertebrate Life-Cycle (72-4(b))
- j. Aquatic Plant Growth (Tier 2) (123-2)
- k. Seedling Emergence (Tier 2)(123-1(a))
- l. Vegetative Vigor (Tier 2) 123-1(b)
- m. Adequate storage stability data in the plant and livestock metabolism studies.

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 stamped copy of the label is enclosed for your records.

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

# TOPRAMEZONE TECHNICAL

**For manufacturing purposes only**

## Active Ingredient:

Topramezone [3-(4,5-Dihydro-isoxazol)-4-methansulfonyl-2-methyl-phenyl]- (5-hydroxy-1-methyl-1H-pyrazol-4-yl)methanone*.....	99.2%
<b>Related Compounds:</b> .....	<u>0.8%</u>
<b>Total:</b> .....	100.0%

\*refer to the drum for the specific assay content of the components

**EPA Reg. No. 5481-pending      EPA Est. No.**

**KEEP OUT OF REACH OF CHILDREN.**

## CAUTION / PRECAUCION

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.)

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

**CAUTION.** Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Harmful if swallowed or absorbed through the skin. Wash thoroughly with soap and water after handling.

#### 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 to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your local State Water Board or Regional Office of EPA.

Net contents:

Amvac Chemical Corporation  
4100 E. Washington Boulevard, Los Angeles, CA. 90023

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
 AUG 10 2005  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act  
 as amended, for the pesticide  
 registered under EPA Reg. No.

5481-523

<b>FIRST AID</b>	
If in eyes	<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 first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If on skin or clothing	<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>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. <b>FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:</b> Transportation: CHEMTREC.....1-800-424-9300 Other: AMVAC.....1-323-264-3910	

**In Case of Emergency**

In case of large scale spillage in the U.S. regarding this product, call:

- CHEMTREC..... 800-424-9300
- AMVAC ..... 323-264-3910

In case of medical emergency regarding this product, call:

1. Your local doctor for immediate treatment.
2. Your local poison control center (hospital).
3. AMVAC 1-323-264-3910

**Steps to be taken in case material is released or spilled.** Dike and contain spill with inert material (sand, earth, etc.) and transfer liquid and solid material to separate labeled containers for disposal. Remove contaminated clothing and wash affected skin areas with water. Wash clothing before reuse. Keep spill out of all sewers and open bodies of water.

**Directions For Use**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This technical material may only be used to produce formulations that are registered or exempted from registration by the US EPA. If it is desired to produce formulations that do not have prior approval, the producer of such formulations is responsible for providing all necessary data and for obtaining registration.

Only for formulation into a herbicide for the following uses: (1) corn; (2) uses for which US EPA 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 US EPA regulations. This product may be used to formulate products for specific uses not listed on the MP label if the formulator, user group, or grower has complied with US EPA data submission requirements regarding support of such uses. The user is solely responsible for determination of

suitability of the use of this product for any specific purpose, any manufacturing practice employed, and adoption of such safety precautions as may be necessary.

**Storage and Disposal**

**Prohibitions:** Do not contaminate water, food, or feed by storage or disposal. Storage: Store in original container in a well-ventilated area separately from fertilizer, feed, and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained, carefully swept up, and collected for disposal. Wash area of spill with detergent.

• **Pesticide disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate violates federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

• **Container disposal:**

— **Fiber drums with liners:** Completely empty liner by shaking and tapping both sides and bottom to loosen clinging particles. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

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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. 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.



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Los Angeles, CA. 90023  
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