

464-672

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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WASHINGTON, D.C. 20460

SEP 23 2010

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Abigail Trueblood
The Dow Chemical Company
1500 East Lake Cook Rd.
Buffalo Grove, IL 60089

Subject: Amical™ WP Antimicrobial Agent
EPA Registration Number: 464-672
Application Date: June 24, 2010
Receipt Date: June 25, 2010

Dear Ms. Trueblood:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable

Proposed Amendment

Update label per the Amical RED

Conditions

Revise the label as follows:

- 1.) Revise the 6th statement under the "Precautionary Statements" to read "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco."
2.) The "Leather Tanning and Paper Production" directions must be brought into compliance with PR Notice 2000-6, Mandatory Labeling, by deleting the term, should, and stating "must."
3.) Revise the 3rd statement under "Leather Tanning" by deleting the term, "recommendations" and stating "follow the normal protection directions."
4.) Revise the 4th statement under "Leather Tanning" by deleting the phrase, "Use level recommendations" and stating "Use rate range..."
5.) Revise the last statement under "Preservation in Paper Plant Storage" directions by deleting the term, recommendations, and stating "directions."

CONCURRENCES

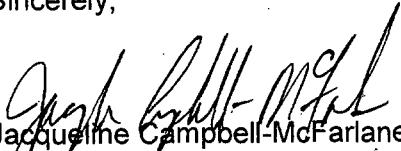
Table with columns for SYMBOL, SURNAME, and DATE, used for recording concurrence information.

**General Comments**

A stamped accepted label with conditions is enclosed for your records. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Should you have further questions concerning this letter, please contact me at 703-308-6416 or by email at [campbell-mcfarlane.jacqueline@epa.gov](mailto:campbell-mcfarlane.jacqueline@epa.gov) or Killian Swift by telephone at 703-308-6346 or by email at [swift.killian@epa.gov](mailto:swift.killian@epa.gov). When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

  
Jacqueline Campbell-McFarlane  
Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosure: EPA stamped label

**CONCURRENCES**

SYMBOL							
SURNAME							
DATE							

AMICAL WP Antimicrobial Agent  
Master Label  
June 22, 2010

### AMICAL™ WP Antimicrobial Agent

Active Ingredient(s): Diiodomethyl p-tolyl sulfone . . . . . 48.45% (w/w)  
Inert Ingredients . . . . . 51.55% (w/w)  
Total 100%

E.P.A. Registration No. 464-672  
E.P.A. Est. XXXX-XX-X

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 23 2010

**KEEP OUT OF REACH OF CHILDREN**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. **464-672**

## DANGER

FIRST AID	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>Hold eyes open and rinse slowly and gently with water for 30 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.</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>Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN :</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 and the give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment</li> </ul>
HOT LINE NUMBER	
<b>IN CASE OF AN EMERGENCY</b> endangering life or property involving this product, call collect (989) 636-4400. Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may preclude the use of gastric lavage.	

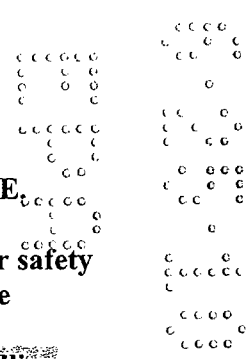
### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**DANGER. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. HARMFUL IF ABSORBED THROUGH THE SKIN.**

**Do not get in eyes, on skin, or on clothing. Wear goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.**

**Occupational handlers must wear chemical resistant gloves while handling diiodomethyl p-tolyl sulfone. When handling wetttable powder formulations of**



AMICAL WP Antimicrobial Agent  
Master Label  
June 22, 2010

**diiodomethyl p-tolyl sulfone, mixer loaders must wear NIOSH approved filtering face piece respirators.**

**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 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.

**STORAGE AND DISPOSAL**

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

**STORAGE**

Store in a dry area. Keep container closed when not in use.

**PESTICIDE DISPOSAL**

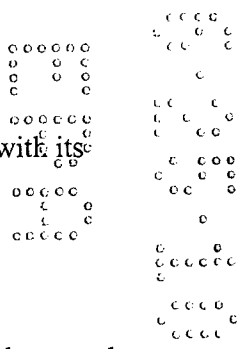
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative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

**CONTAINER DISPOSAL:**

**Nonrefillable container:** Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into mix tank. Triple rinse drum liner and remove liner and dispose of liner in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Then offer drum for recycling if available. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

**DIRECTIONS FOR USE**

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



**USE IN LEATHER TANNING**

**For use in leather tanning drum use only.**

AMICAL WP Antimicrobial Agent is used in protecting chrome or vegetable tanned leather from mold and mildew during in-tannery wet processing and for protecting wet-



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stock at a rate of 0.04 to 6.9 lb per ton of dry fiber produced. For inhibition of wet lap or sheep pulp this product ~~should~~ be applied to the dewatered pulp surfaces via applicator rolls or shower at 0.04 to 6.9 lb per ton of dry fiber produced. Application can also be made at the size press or water box. Application is made at the rate of 163 to 16300 ppm of this product in the solution applied to the paper sheet.

**PRESERVATION IN PAPER PLANT STORAGE**

This product should be added directly to the material to be preserved prior to manufacturing into the finished product, i.e. pulp, alum, broke, polymers, defoamers, emulsions, adhesives, paper mill coating, pigment, and slurries. The dosage rate will depend upon the material to be preserved and the storage time. The usual additions should be 0.4 ppm for storage of microbial resistant materials up to 510 ppm for less resistant materials. Under extreme conditions of spoilage the dosage rate ~~should~~ be increased to 8.2 to 816 ppm. The above ~~recommendations~~ are based on a maximum storage time of two weeks.

**LIMITED WARRANTY AND DISCLAIMER**

Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

NET WT:  
Lot:

Produced For

Dow Diamond TM  
THE DOW CHEMICAL COMPANY  
Midland, Michigan 48674  
989-636-4400

TM Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

