# STATES ENVIRONMENTAL PROTECTION

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

SEP 2 3 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 3<sup>rd</sup> 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."

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## **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 or Killian Swift by telephone at 703-308-6346 or by email at 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

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AMICAL WP Antimicrobial Agent Master Label June 22, 2010

# AMICAL<sup>TM</sup> WP Antimicrobial Agent

E.P.A. Registration No. 464-672 E.P.A. Est. XXXX-XX-X ACCEPTED with COMMENTS in EPA Letter Dated:

SEP 2 3 2010

KEEP OUT OF REACH OF CHILDREN

DANGER

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

	FIRST AID
IF IN EYES:	<ul> <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> </ul>
	<ul> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
IF SWALLOWED:	Call a poison control center or doctor immediately for treatment advice.
	<ul> <li>Have person sip a glass of water if able to swallow.</li> </ul>
	<ul> <li>Do not induce vomiting unless told to by a poison control center or doctor.</li> </ul>
	<ul> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN:	Take off contaminated clothing.
	<ul> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> </ul>
	<ul> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
IF INHALED:	Move person to fresh air.
•	<ul> <li>If person is not breathing, call 911 or an ambulance and the give artificial respiration, preferably mouth-to-mouth, if possible.</li> </ul>
	Call a poison control center or doctor for further treatment
	HOT LINE NUMBER
IN CASE OF AN EMEL	RGENCY endangering life or property involving this product, call collect

IN CASE OF AN EMERGENCY 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.

NOTE TO PHYSICIAN: 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 wettable powder formulations of

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dilodomethyl 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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blue during long storage and long transportation times. For normal protection of chrometanned cattle hides (based on white weight of hides) use 0.02-0.04%, for sheep hides (based on drained pickle weight) 0.1-0.16%, and for goat and small skins use levels should be calculated on the dry basis of the skin weight, assuming limed weight to be 20% dry basis and pickled weight to be 33% dry basis. When long hold or export protection is required, use 0.04-0.08% for cattle, 0.16-0.31% for sheep, and on goat and small skins follow recommendations for normal protection. Use level recommendations during retan/color/fatliquor protection of chrome-tanned hides for all hide types are 0.2-0.61 (% on wet blue weight). In all applications add the dry AMICAL WP Antimicrobial Agent through the drum door, preferably by sprinkling across the width of the drum. This should be done just prior to chrome addition, or together with the formate, if formate is added dry prior to chrome. In the case of retan/color/fatliquor, add AMICAL WP Antimicrobial Agent prior to the prime fatliquor feed.

## NOT REGISTERED FOR USE IN THE STATE OF CALIFORNIA

#### **USE IN PAPER PRODUCTION**

This product aids in the control of objectionable fungi in pulp, paper mills, and the additive system for the preservation of pulp, pigment slurries, alum, emulsions, adhesives, defoamers, polymers, and paper products. This product is used to inhibit fungal growth which causes discoloration, odor and degradation in paper and paperboard. This product is not cleared for use in the manufacture of paper and paperboard products that come in contact with food.

Additions can be made on a continuous or intermittent basis, depending upon the severity of the contamination. Badly fouled systems must be cleaned before treatment is begun. Apply at a point in the system where the product will be uniformly mixed.

Intermittent or Slug Method-Initial Dose: When the system is noticeably fouled, add this product at the rate of 0.0016 to 1.6 lb per ton of pulp or paper produced. Addition to the additive system should be made directly at the rate of 0.008 to 6.78 lb (0.98 to 816 ppm) per 1000 gallons. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add this product at the rate of 0.0016 to 0.8 lb per ton of pulp or paper produced. Treat the system as needed to maintain control. Addition of this product to the additive system may be reduced to 0.008-3.43 lb (0.98 to 408 ppm) per 1000 gallons.

Continuous Feed Method-Initial Dose: When the system is noticeably fouled, add this product at the rate of 0.0016 to 0.08 lb per ton of pulp of paper produced. Additions of this product to the additive system should be made directly at the rate of 0.008 to 5.14 lb (0.98 to 612 ppm) per 1000 gallons. Continue until control is achieved.

Subsequent Dose: Maintain by continuous feed of this product at the rate of 0.006 to 0.8° and lb per ton of pulp and paper product.

#### MOLD INHIBITION IN PAPER AND PAPERBOARD

This product is used to inhibit fungal growth which causes discoloration, odor and degradation in paper and paperboard. This product may be applied to the white water or

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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 the the deviate 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 WARRANTIESMADE IN THIS PARAGRAPH ARE SELLER'S SOLEWARRANTIES WITH RESPECT TO THE PRODUCT AND AREMADE EXPRESSEY IN LIEU OF AND EXCLUDE ANY IMPLIEDWARRANTIES OF MERCHANTABILITY OR OF FITNESS FORA PARTICULAR PURPOSE AND ALL OTHER EXPRESS ORIMPLIED 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