



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 16, 2016

Ms. Alexis Chapman
Dow Microbial Control
The Dow Chemical Company
200 Larkin Center
Midland, MI 48671

Subject: Amended Reregistration Label
Product Name: Amical™ WP Antimicrobial Agent
EPA Registration Number: 464-672
Decision Number: 428670

Dear Ms. Chapman:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the AMICAL RED, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

NOTE: This product is **not** yet being reregistered under section 4(g) of FIFRA.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 8/21/2012

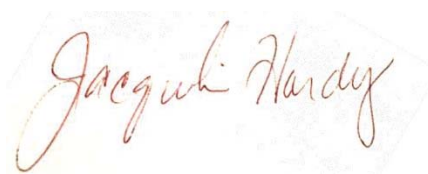
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Page 2 of 2
EPA Reg. No. 464-672
Decision No. 428670

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment or the next printing of the label, whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions about this letter, please contact Jacqueline Hardy by phone at (703) 208-6416, or via email at hardy.jacqueline@epa.gov.

Sincerely,

A handwritten signature in red ink that reads "Jacqueline Hardy". The signature is written in a cursive style and is placed over a faint, light-colored rectangular stamp or watermark.

Jacqueline Hardy, Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510P)

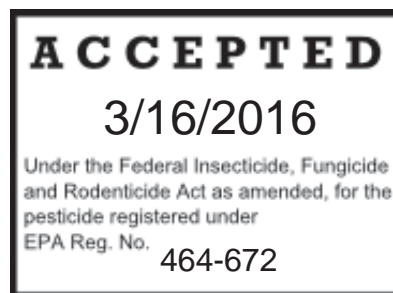
Enclosure: Stamped Label

AMICAL WP Antimicrobial Agent
 Master label
 December 14, 2015

AMICAL™ WP Antimicrobial Agent

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

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



KEEP OUT OF REACH OF CHILDREN

DANGER-PELIGRO

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 30 minutes • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes • Call a poison control center or doctor for treatment advice
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice • Have a person sip a glass of water if able to swallow • Do not induce vomiting unless told to by a poison control center or doctor • Do not give anything by mouth to an unconscious person
IF ON SKIN:	<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 INHALED:	<ul style="list-style-type: none"> • Move person to fresh air • If person is not breathing, call 911 or an ambulance and then give artificial respiration, preferably mouth-to-mouth, if possible • Call a poison control center or doctor for further treatment
HOT LINE NUMBER	
<p>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.</p>	
<p>NOTE TO PHYSICIAN: Probable mucosal damage may preclude the use of gastric lavage. Chemical eye burns may require extended irrigation. Obtain consultation, preferably from an ophthalmologist. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

AMICAL WP Antimicrobial Agent

Master label

December 14, 2015

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. Do not get in eyes or on clothing. Harmful if absorbed through skin or inhaled. Avoid contact with skin. Avoid breathing dust. Wear protective eyewear (goggles, face shield, or safety glasses). Wear long-sleeved shirt, long pants, socks, and chemical resistant gloves (such as or made out of any waterproof material, selection Category A). Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Occupational handlers must wear chemical resistant gloves while handling diiodomethyl p-tolyl sulfone. When handlings wettable powder formulations of diiodomethyl p-tolyl sulfone, mixer loaders must wear NIOSH approved filtering face piece respirators.

USER SAFETY RECOMMENDATIONS

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use with or store near any oxidizing or reducing agents

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.

AMICAL WP Antimicrobial Agent
Master label
December 14, 2015

DIRECTIONS FOR USE

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

Wettable powder formulations can be used only for leather tanning, paper production, mold inhibition in paper and paperboard, and preservation in paper plant storage.

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-blue during long storage and long transportation times. For normal protection of chrome-tanned 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 must 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 the normal protection directions. Use rate range 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 must 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 to 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 or paper produced. Additions of this product to the additive system must 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 lb per ton of pulp and paper product.

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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 stock at a rate of 0.04 to 6.9 lb per ton of dry fiber produced. For inhibition of wet lap or sheet pulp this product must 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 in to 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 must be increased to 8.2 to 816 ppm. The above directions are based on a maximum storage time of two weeks.

Notice: 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 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:

THE DOW CHEMICAL COMPANY

Midland, Michigan 48674 USA

(989)636-4400

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