



## Evaluation Report for Category B, Subcategory B.3.12 Application

**Application Number:** 2004-2512  
**Application:** New or Changes to Product Labels-New Site or Host  
**Product:** AMICAL Flowable Antimicrobial Agent  
**Registration Number:** 15321  
**Active ingredients (a.i.):** Diiodomethyl P-tolyl Sulfone  
**PMRA Document Number:** 1696813

### Background

AMICAL Flowable Antimicrobial Agent was first registered in May 27, 2002. It is currently registered for the control of mildew and algae on exterior latex paints and pigment dispersions, latex caulks and adhesives, and in leather tanning. Amical 48 Antimicrobial Powder, and Amical WP antimicrobial powder are also products registered with the same active and for the same uses.

### Purpose of Application

The purpose of this application was to amend the registration of AMICAL Flowable Antimicrobial Agent to add the use on interior latex paints. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the AMICAL Flowable Antimicrobial Agent product label.

### Chemistry Assessment

NA

### Health Assessments

A health assessment has been conducted for AMICAL Flowable Antimicrobial Agent. It is not expected that exposure to handlers will increase over the currently registered products containing Diiodomethyl P-tolyl Sulfone (diodofon) active ingredient.

### Environmental Assessment

NA

## **Value Assessment**

A small-scale, accelerated trial was submitted to determine the rates at which AMICAL Flowable Antimicrobial Agent would protect the dry film of interior latex paints from mold and mildew without being excessive. The test, representing a particularly severe indoor mildew hazard, provided adequate pest pressure as demonstrated by moderate mold growth on the panels coated with untreated latex paint. Twelve different rates of the product were tested allowing the lowest effective rate for this use to be determined. As it was recognized that this test method represented only the most severe conditions where interior paint films were likely to be exposed, such as humid bathrooms, a label statement was added to include this.

## **Conclusion**

## **References**

PMRA # 1263114      2006, Fungicidal Efficacy of AMICAL 48 In An Interior Latex Paint By the ASTM D 3273 Method. 2006. Dow Chemical Company, DACO: 10.2.

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