

## Evaluation Report for Category B, Subcategory 3.4, 3.13 Application

**Application Number:** 2011-2520  
**Application:** New or Changes to Product Labels – Application Method and Precautions  
**Product:** Cu-Bor Remedial Wood Preservative  
**Registration Number:** 27621  
**Active ingredients (a.i.):** Borax (BNS), copper hydroxide (CUZ)  
**PMRA Document Number:** 2147349

### Background

Cu-Bor Remedial Wood Preservative has been registered since April 5, 2004 for USC 23- Wood, and contains the active ingredients copper, present as copper hydroxide, and sodium tetraborate decahydrate (borax). This commercial end-use product is registered for use as a groundline remedial treatment for wood utility poles.

### Purpose of Application

The purpose of this application was to add a new application method (brush-on) as well as update the precautionary statements on the Cu-Bor Remedial Wood Preservative label.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

Cu-Bor Remedial Wood Preservative is of low toxicity via the oral, dermal and inhalation routes, it is moderately irritating to the eyes and slightly irritating to the skin, and is considered to be a skin sensitizer.

The brush on use of Cu-Bor Remedial Wood Preservative fits within the registered use pattern for copper and borax. The personal protective equipment, and precautionary statements are adequate to protect workers handling the product and wood treated with the product, and exposure to individuals contacting treated wood is not expected to increase over the currently registered use pattern for these active ingredients.

## **Environmental Assessment**

The addition of the new application method is not anticipated to result in an increase in risk to non-target organisms provided Cu-Bor Remedial Wood Preservative is used according to the label directions. The environmental risk mitigation statements on the product label were updated.

## **Value Assessment**

The request for the addition of brush-on and bandage wrap application method to the currently registered ground line remedial wood preservative was assessed. A study was provided that clearly demonstrated this new application method to be effective at providing remedial protection to wooden poles.

## **Conclusion**

The PMRA has reviewed the available data and has determined that the additional application method and the updated precautionary statements are acceptable on the Cu-Bor Remedial Wood Preservative label.

## References

### PMRA# Reference

- 2102246 2001. Permanence of a borax-copper hydroxide remedial preservative when applied to unseasoned pine posts. AWWA Annual Proceedings. pp. 12-28. DACO 10.2.3.3
- 2102250 2010. Oregon State University Utility Pole Research Cooperation. Department of Wood Science & Engineering. DACO 10.2.3.4

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