

## Evaluation Report for Category B.3.1,B.3.10 Application

**Application Number:** 2011-0558  
**Application:** Application Rate Increase,Tank Mix  
**Product:** Thor Acticide 14 Industrial Microbiocide  
**Registration Number:** 28013  
**Active ingredients (a.i.):** 2-Methyl-4-Isothiazolin-3-One [ISL],5-Chloro-2-Methyl-4-Isothiazolin-3-One [IST]  
**PMRA Document Number English PDF:** 2158942

### Purpose of Application

The purpose of this application was to amend the current end-use product label for Thor Acticide 14 Industrial Microbiocide (Registration Number 28013) to include an increase in rate and the addition of a tank mix with the wood preservative copper quat (ACQ).

Thor Acticide 14 Industrial Microbiocide tank mixed with ACQ will preserve ACQ treated wood from surface mould growth.

### Chemistry Assessment

No chemistry assessment was required for this application.

### Health Assessments

The increase in application rate and addition of a tank-mix use to the label of Thor Acticide 14 Industrial Microbiocide have no impact on the toxicology profile of the product and not expected to result in unacceptable risk.

### Environmental Assessment

The increase in application rates and the use of Thor Acticide 14 Industrial Microbiocide is not expected to result in environmental exposure above that which was assessed for the re-evaluation of 2-Methyl-4-Isothiazolin-3-One and 5-Chloro-2-Methyl-4-Isothiazolin-3-One. Thus, an increased risk to the environment is not expected and a revised environmental risk assessment was not required.

## Value Assessment

One laboratory trial and one small-scale trial were provided in support of the use of Thor Acticide 14 Industrial Microbiocide tank mixed with ACQ for the control of mold on ACQ-treated wood. The data demonstrated that the Thor Acticide 14 Industrial Microbiocide / ACQ tank-mix was effective at controlling mold at rates of 5-20 ppm active ingredient to a maximum of 30 ppm active ingredient under extreme conditions. Therefore, the use of Thor Acticide 14 Industrial Microbiocide to control mildew on ACQ-treated wood is considered acceptable.

## Conclusion

The Pest Management Regulatory Agency has completed an assessment of information available in support of Thor Acticide 14 Industrial Microbiocide and has found the information sufficient to sup

## References

<b>PMRA Document Number</b>	<b>DACO</b>	<b>Reference</b>
<a href="#"><u>2006819</u></a>	10.2.3.2	Evaluation of Mold Resistance of Acticide 14 and Acticide 45 on pressure treated wood preservatives in accordance with AWPA E24-06 (2009)
<a href="#"><u>2006818</u></a>	10.2.3.3	Field Test Evaluation Of Methylisothiazolinone For Use With Naturewood And Micropro Treated Wood To Provide Increased Mold Resistance (2007)

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