

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

Application Number: 2015-0894
Application: Category B
Product: Supatimber H.E.14 Mildewcide
Registration Number: 25389
Active ingredients (a.i.): 2-methyl-4-isothiazolin-3-one (ISL); 5-chloro-2-methyl-4-isothiazon-3-one (IST)
PMRA Document Number: 2573158

Background

As a result of the current processing of pressure treated wood, in which the lumber is stacked into tight-fitting bundles and wrapped in plastic, the freshly-treated wood may remain damp for extended periods of time. These conditions are ideal for mold growth on the wood surface, which does not result in decay, but which may reduce the value or make the lumber unmarketable. Mildewcides added to the heavy-duty wood preservative during pressure treatment have been the conventional solution to this problem.

Purpose of Application

The purpose of this application is to add a new tank mix with ammoniacal copper quaternary (ACQ) wood preservatives (at 5.0 – 30 ppm active ingredient) and to correct the tank mix rates for chromated copper arsenate (CCA) wood preservatives that are on the current label.

Value Assessment

Laboratory and field studies were provided to demonstrate the ability of Supatimber H.E.14 to protect wood freshly-treated with ACQ –type wood preservatives from mold and mildew growth while still damp. The rates for wood freshly-treated with CCA-type wood preservatives were corrected by revisiting previously provided data. The data demonstrated that Supatimber H.E.14 is an effective mildewcide on wood freshly treated with ACQ and CCA wood preservatives.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendment of the end-use product Supatimber H.E.14 Mildewcide.

References

PMRA#	Description
2561108	2015, A Data Compilation Demonstrating The Efficacy of Supatimber HE14 Wood Mildewcide (Reg. No. 25389) in ACQ Pressure Treated Wood, DACO: 10.2.3.1, 10.2.3.2, 10.2.3.3, CBI

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