

Evaluation Report for Category B, Subcategory 3.4 Application

Application Number: 2017-4177
Application: Changes to Product Labels-Application Method
Product: QNAP8
Registration Number: 32723
Active ingredients (a.i.): Copper, present as copper naphthenate
PMRA Document Number: 2935955

Purpose of Application

The purpose of this application was to modify the directions for use for dip, roller and brush treatments of QNAP8.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The label changes will not impact the toxicological profile of the product. The application of QNAP8 using brush on, roller, dip, and end cut treatment for above ground remedial treatment to utility poles and construction lumber is not expected to result in potential occupational or bystander exposure over the registered use of copper naphthenate. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

Environmental Assessment

The changes to the directions for use for dip, roller and brush treatments to the QNAP8 label are not expected to result in an increase in environmental risk when compared to registered uses of copper naphthenate.

Value Assessment

Information was provided to demonstrate that effective retention rates could be achieved in commercial Canadian wood species by dip treatments. Western red cedar dipped in copper naphthenate for three minutes achieved retention rates as high as 2 kg/m³. These wood samples were then used in standard soil block laboratory trials and showed to provide good protection against common brown and white rot fungi.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found it sufficient to modify directions for use for dip, roller and brush treatments of QNAP8.

References

- 2794405 2006, Waterborne Copper Naphthenate Wood Preservative (CuN W), DACO: 10.2.3.3(E)
- 2794418 1996, Bioefficacy of Cunapsol treated western Cedar and Southern Yellow Pine, DACO: 10.2.3.3(E)

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