



Evaluation Report for Category B, Subcategories 2.1, 2.3, 2.4 Application

Application Number: 2022-4980
Application: Changes to End-use Product (Product Chemistry) - Guarantee, Identity of Formulants, Proportion of Formulants
Product: NP-1 SAPSTAIN CONTROL CHEMICAL
Registration Number: 21753
Active ingredients (a.i.): 3-iodo-2-propynyl butyl carbamate and didecyldimethylammonium chloride
PMRA Document Number: 3522049

Purpose of Application

The purpose of this application was to amend the formulation of an end-use product that is registered for use as an antisapstain on freshly cut lumber.

Chemistry Assessment

NP-1 Sapstain Control Chemical is formulated as an emulsifiable concentrate containing 3-iodo-2-propynyl butyl carbamate at a concentration of 7.6% and didecyldimethylammonium chloride at a concentration of 64.8%. This end-use product has a density of 0.93 g/mL and pH of 8.5. The chemistry requirements for this product have been fulfilled.

Health Assessments

The changes to the product's formulation will not affect the product's toxicological potential. No new toxicological data were submitted for this application.

The use of the new formulation of NP-1 Sapstain Control Chemical for antisapstain treatment of freshly cut softwoods, including Douglas fir, White fir, Spruce, Hemlock, Pines (including Southern and Western Yellow and Eastern and Western White species), as well as many hardwoods, is not expected to result in potential occupational or bystander exposure over the registered use of didecyldimethylammonium chloride or 3-iodo-2-propynyl butyl carbamate. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

A dietary exposure assessment was not required for this application.

Environmental Assessment

The changes to the product formulation are not expected to lead to any additional risks to the environment.

Value Assessment

A value assessment was not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the changes to the product's formulation.

References

None.

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