



Evaluation Report for Category B, Subcategory 7.0 Application

Application Number: 2013-3804
Application: Reinstatement of Registered Product
Product: Woodlife F Clear Wood Preservative
Registration Number: 25696
Active ingredients (a.i.): 3-Iodo-2-Propynyl N-Butylcarbamate
PMRA Document Number: 2442448

Background

Woodlife F Clear Wood Preservative is a joinery wood preservative that was registered in Canada between 1999 and 2011.

Purpose of Application

The purpose of this application was to register Woodlife F Clear Wood Preservative, containing the active ingredient 3-iodo 2-propynyl N-butylcarbamate (also referred to as iodocarb) at 0.5% for use to treat wood joinery products that are not in contact with the ground.

Chemistry Assessment

Woodlife F Clear Wood Preservative is a formulation containing 3-iodo-2-propynyl N-butylcarbamate at 0.50 %. This product has a density of 0.77 g/mL and a pH of 8.5. The chemistry requirements for Woodlife F Clear Wood Preservative have been fulfilled.

Health Assessments

The end-use product Woodlife F Clear Wood Preservative is not expected to result in potential occupational or bystander exposure over the registered use of iodocarb. No risks of concern are expected when workers follow the label directions and wear the personal protective equipment as stated on the label.

Kop-Coat Woodlife F Clear Wood Preservative is considered to be of low acute toxicity via the oral dermal, and inhalation routes of exposure. It is considered to be mildly irritating to the eyes and skin, and is not expected to be a dermal sensitizer.

Environmental Assessment

The registration of Woodlife F Clear Wood Preservative expired and the reinstatement of its registration for the above noted uses is not expected to pose additional environmental concerns.

Value Assessment

The results of a 10-year L-joint field trial were provided in support of the reinstatement of Woodlife F Clear Wood Preservative. The study was scientifically valid and showed that treatment with Woodlife F Clear Wood Preservative at a retention rate of 0.08 kg iodocarb/m³ provided a significant increase in the service life of the joinery wood components.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the registration of the end-use product Woodlife F Clear Wood Preservative.

References

- 2333553 2013, 10-Year Field Testing Data of Woodlife F, DACO: 10.2.3.4
- 1168543 3.3.1 Summary Of Toxicology Data (Troy Solvent Based Wood Preservative/Troy Water Based Wood Preservative/Troy GWPI Wood Preservative). DACO: 4.1
- 1168544 1991, Acute Oral Limit Study (91g-0322;Tc-0069;Tc0505;4004)(Troy Solvent Based/Water Based/Gwpi Wood Preservative). DACO: 4.6.1
- 1168545 1993, Acute Dermal Toxicity Limit Test Study (91g-0323;Tc-0065;Tc0506;4007)(Troy Solvent Based/Water Based/GWPI Wood Preservative). DACO: 4.6.2
- 1168546 1991, Acute Inhalation Toxicity Limit Test Study (T-844;Tc-0066;Tc0507;4009)(Troy Solvent Based/Water Based/GWPI Wood Preservative). DACO: 4.6.3
- 1168547 1991, Primary Eye Irritation Study (Tc0067;Tc0464;Tc0495;91g-0325;3611;4005)(Troy Solvent Based/Water Based/GWPI Wood Preservative). DACO: 4.6.4
- 1168548 1991, Primary Dermal Irritation Study (Tc0068;Tc0496;Tc0465;91g-0324;4006;3612)(Troy Solvent Based/Water Based/GWPI Wood Preservative). DACO: 4.6.5
- 2383735 2002, Dermal Sensitization Test in Guinea Pigs (Buehler Method) Woodlife 111 4:1 Concentrate, DACO: 4.6.6
- 2383736 2014, Bridging Argument, DACO: 4.6.6
- 2383737 2014, Comparison of the Woodlife F and Woodlife 111 4:1 Formulations, DACO: 4.6.6 CBI

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