

Evaluation Report for Category B, Subcategory 2.1, 2.3 Application

Application Number: 2016-6783
Application: Changes to end-use product chemistry – guarantee/identity of formulants
Product: Dura Treat 40
Registration Number: 26110
Active ingredients (a.i.): Pentachlorophenol plus related active chlorophenols
PMRA Document Number : 2834559

Purpose of Application

The purpose of this application was to amend the formulation for the wood preservative Dura Treat 40.

Chemistry Assessment

Dura Treat 40 is formulated as a solution containing pentachlorophenol at a nominal concentration of 35.80% and other chlorinated phenols at a nominal concentration of 4.20%. This end-use product has a density of 1.126 g/mL and pH of 4.55. The required chemistry data for Dura Treat 40 have been provided, reviewed and found to be acceptable.

Health Assessments

The changes to Dura Treat 40 are not expected to significantly impact the toxicity profile of the product.

The changes to the formulation of Dura Treat 40 are not expected to result in potential occupational or bystander exposure over the registered use of pentachlorophenol. No health risks of concern are expected when workers follow label directions and wear the personal protective equipment as stated on the label.

A dietary exposure assessment was not required for this application.

Environmental Assessment

The formulation is similar to that already registered for the active ingredient pentachlorophenol, and, therefore, no additional risk is expected from the use of Dura Treat 40. The label includes the required environmental precautions and hazards statements, which adequately mitigate 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 sufficient to support the formulation amendment for Dura Treat 40.

References

PMRA

Document

Number	Reference
2719606	2015, EPA Chemistry Review - Dura Treat 40, DACO: 12.7.3, Document J, Document M
2719607	2017, Part 3 Chemistry - Dura Treat 40 (26110), DACO: 3.2.2, 3.5.13, 3.5.6, 3.5.9 CBI
2822804	2015, Dura Treat 40 Wood Preserver: Physical and Chemical Characteristics, Colour, Physical State, Odor, Oxidation/Reduction, , DACO: 3.5, 3.5.1, 3.5.2, 3.5.3, 3.5.4, 3.5.6, 3.5.7, 3.5.8, 3.5.9 CBI
2822806	2015, Dura Treat 40 Preserver: Physical and Chemical Characteristics: Miscibility, DACO: 3.5.13 CBI
2822807	2015, Dura Treat 40 Wood Preserver: Accelerated Storage Stability and Corrosion Characteristics , DACO: 3.5.14 CBI
2719607	2017, Part 3 Chemistry - Dura Treat 40 (26110), DACO: 3.2.2, 3.5.13, 3.5.6, 3.5.9 CBI

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