

Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2020-2199
Application: Submission subject to the Protection of Proprietary Interests in Pesticide Data (PIIP) policy – Equivalency/Data Compensation Assessment
Product: Preventol D 7 LT
Registration Number: 34502
Active ingredients (a.i.): 2-methyl-4-isothiazolin-3-one and 5-chloro-2-methyl-4-isothiazolin-3-one
PMRA Document Number: 3328007

Purpose of Application

The purpose of this application was to register Preventol D 7 LT, a new material preservative end-use product, based on a registered precedent.

Chemistry Assessment

Preventol D 7 LT is formulated as a solution containing 5-chloro-2-methyl-4-isothiazolin-3-one at a concentration of 1.16% and 2-methyl-4-isothiazolin-3-one at a concentration of 0.34%. This end-use product has a density of 1.027 g/mL and pH of 4.36. The required chemistry data for Preventol D 7 LT have been provided, reviewed and found to be acceptable.

Health Assessments

Preventol D 7 LT is considered to be toxicologically equivalent to the precedent product.

The use pattern of Preventol D 7 LT is comparable to the registered use pattern of the precedent product. Therefore, potential exposure for mixers, loaders, applicators, bystanders and postapplication workers is not expected to exceed the current exposure to the registered products of these active ingredients. No health risks of concern are expected for workers and bystanders when label directions, precautions and restrictions are followed.

A dietary exposure assessment was not required for this application.

Environmental Assessment

The uses on the Preventol D 7 LT label are within the currently registered use pattern of the active ingredients, 2-methyl-4-isothiazolin-3-one and 5-chloro-2-methyl-4-isothiazolin-3-one. Therefore, no additional risk is expected when Preventol D 7 LT is used in accordance with the label, which includes statements to mitigate risks to the environment.

Value Assessment

A comparison of the formulation of Preventol D7 LT to the cited precedent product, and the subsequent comparison of the use pattern demonstrated that the minor differences between the two formulations are not expected to have an impact on the product's efficacy. As such, all uses on the precedent product label are acceptable to be included in the Preventol D7 LT product label.

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 Preventol D 7 LT.

References

PMRA Document Number	Reference
3127783	2020, Preventol D 7 LT Product Chemistry Supplement to Support PMRA Registration, DACO: 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.2.1, 3.2.2, 3.2.3, 3.3.1, 3.5.1, 3.5.10, 3.5.14, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.9
3127786	2020, Preventol D 7 LT Product Chemistry Waiver Requests to Support PMRA Registration, DACO: 3.5.11, 3.5.12, 3.5.13, 3.5.15, 3.5.8
3283906	2021, Preventol D 7 LT Enforcement Analytical Method, DACO: 3.4.1

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