



Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2020-1852
Application: Submission Subject to Protection of Proprietary Interests in Pesticide Data Policy (PPIP) – Equivalency/Data Compensation
Product: Preventol P 30
Registration Number: 34481
Active ingredient (a.i.): Bronopol
PMRA Document Number : 3310806

Purpose of Application

The purpose of this application was to register Preventol P 30, a new end-use product for use as a material preservative for polymer dispersions, pigment slurries and paper coatings, based on a registered precedent.

Chemistry Assessment

Preventol P 30 is formulated as a solution containing bronopol at a concentration of 30%. This end-use product has a density of 1.269 to 1.272 g/mL and pH of 4.04 (1% soln.). The required chemistry data for Preventol P 30 have been provided, reviewed and found to be acceptable.

Health Assessments

Preventol P 30 was considered to be toxicologically equivalent to the precedent product; therefore, no toxicology data were required. Preventol P 30 is considered to be of high acute toxicity via the oral and dermal routes, and of slight acute toxicity via the inhalation route of exposure. It is considered to be corrosive to the eyes and skin, and a potential dermal sensitizer.

The use of Preventol P 30 as a material preservative in polymer dispersions, pigment slurries and paper coatings is not expected to result in potential occupational or bystander exposure over the registered use of bronopol.

A dietary exposure assessment was not required for this application.

Environmental Assessment

The use patterns for Preventol P 30 are identical to those currently registered for the precedent product. No additional risk to the environment is expected from the registration of this product.

Value Assessment

A comparison of the formulation of Preventol P 30 to the cited precedent

product, and the subsequent comparison of the use pattern demonstrated that the difference between the two formulations is 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 on the Preventol P 30 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 P 30.

References

PMRA Document Number	Reference
3120974	2007, Physical and Chemical Characteristics: Color, Physical State, Odor, pH, Viscosity and Density/Relative Density, DACO: 3.5.1, 3.5.2, 3.5.3, 3.5.6, 3.5.7, 3.5.9
3120975	2009, Storage Stability and Corrosion Characteristics, DACO: 3.5.10, 3.5.14
3120976	2020, Preventol P 30 Product Chemistry Waiver Requests to Support PMRA Registration, DACO: 3.5.11, 3.5.12, 3.5.13, 3.5.15, 3.5.8
3120977	2020, Preventol P 30 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, 3.5.4, 3.5.5
3299215	2021, Preventol P 30 Enforcement Analytical Method, DACO: 3.4.1

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