

## Evaluation Report for Category L, Subcategory 1.2 Application

**Application Number:** 2020-1991  
**Application:** Submissions Subject to Protection of Proprietary Interests in Pesticide Data Policy (PPIP) – Equivalency/Data Compensation  
**Product:** Preventol P 30 S  
**Registration Number:** 34399  
**Active ingredient (a.i.):** Bronopol  
**PMRA Document Number:** 3289172

### Purpose of Application

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

### Chemistry Assessment

Preventol P 30 S is formulated as a solution containing bronopol at a concentration of 30%. This end-use product has a density between 1.207 and 1.209 g/mL and pH of 4.07 (1% soln.). The required chemistry data for Preventol P 30 S have been provided, reviewed and found to be acceptable.

### Health Assessments

Preventol P 30 S was considered to be toxicologically equivalent to the precedent product; therefore, no toxicology data were required. Preventol P 30 S 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 S 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. No 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 use patterns for Preventol P 30 S are comparable to those currently registered for the precedent product. No additional risk to the environment is expected from the use of this product.

## **Value Assessment**

A comparison of the formulation of Preventol P30 S 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 P30 S 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 S.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
3123362	2015, 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
3123363	2016, Storage Stability and Corrosion Characteristics, DACO: 3.5.10, 3.5.14
3123364	2020, Preventol P 30 S Product Chemistry Waiver Requests to Support PMRA Registration, DACO: 3.5.11, 3.5.12, 3.5.13, 3.5.15, 3.5.8
3123365	2020, Preventol P 30 S 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
3276811	2021, Notice of Deficiency - Justification for the use of HDPE containers, DACO: 3.5.10, 3.5.14 CBI
3276812	2012, HDPE Chemical Resistance Guide, DACO: 3.5.10, 3.5.14

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