

## Evaluation Report for Category B, Subcategory 3.1 Application

**Application Number:** 2016-1470  
**Application:** New or Changes to Product Labels-Application Rate Increase or Decrease  
**Product:** PREVENTOL ON EXTRA PRESERVATIVE SOLUTION  
**Registration Number:** 27633  
**Active ingredients (a.i.):** 2-phenylphenol (present as sodium salt)  
**PMRA Document Number :** 2655790

### Background

Preventol ON Extra was first registered in Canada on June 7<sup>th</sup>, 2004. It is currently registered as a preservative to prevent microbial spoilage of a number of aqueous-based products ranging from adhesives to paints to floor wax emulsions. The overall rate range for all uses on the label is 0.2 – 20%. Most of the material preservative uses on the label have a rate range, except for concrete additives, which is a single rate at 1.7%. For complete details on uses, application rates and methods, precautions, restrictions, and personal protective equipment requirement, refer to the Preventol ON Extra label.

### Purpose of Application

The purpose of this application is to add a rate range to the label for Preventol ON Extra for the protection of concrete additives. The current rate for concrete additives is 1.7% by weight of product. The new rate range would be 0.6% to 1.7% by weight of product.

### Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since application rates for the new use are equal or lower to previously registered rates.

### Value Assessment

A scientifically valid laboratory study was provided that evaluated the ability of Preventol ON Extra Preservative Solution to protect a number of different concrete admixture samples. The studies were conducted with bacterial and fungal inoculum with weekly re-inoculations for three weeks simulating real-life contamination possibilities. The data demonstrated that some of the concrete samples were adequately protected by 0.6% product, the lower rate in the proposed range, while the upper rate in the range, 1.7% remained the same.

### Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Preventol ON Extra Preservative Solution to include a rate range that allows concrete additives to be treated at rates as low as 0.6% by weight, with the upper rate remaining the same at 1.7%.

## **References**

PMRA# 2618024      2015, Microbiological Preservation Report for: Preventol ON Extra Preservative Solution in Concrete Admixtures, DACO: 10.2.3.2(E) CBI

ISSN: 1911-8082

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