

## Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4, 3.4, 3.12, 3.14 Application

**Application Number:** 2014-3935  
**Application:** New End-Use Product  
**Product:** Bissell Deep Clean + Sanitize  
**Registration Number:** 32192  
**Active ingredients (a.i.):** Hydrogen Peroxide  
**PMRA Document Number :** 2606013

### Purpose of Application

The purpose of this application was to register a new end-use product (EP); Bissell Deep Clean + Sanitize, a hydrogen peroxide based carpet and soft surface sanitizer.

### Chemistry Assessment

Bissell Deep Clean + Sanitize is formulated as a solution containing hydrogen peroxide at a nominal concentration of 0.50%. This end-use product has a specific gravity of 1.005-1.015 and pH of 2.50-3.50. The required chemistry data for Bissell Deep Clean + Sanitize have been provided, reviewed and found to be acceptable

### Health Assessments

Available information suggests that Bissell Deep Clean + Sanitize will be of low acute oral, dermal, and inhalation toxicity, will be slightly irritating to the skin, but not to the eye, and is not expected to be a dermal sensitizer.

There are no toxicological concerns for the formulants or impurities.

Domestic exposure associated with Bissell Deep Clean + Sanitize is most likely to occur during application and clean-up of the treated area(s). Exposure will be limited because the EP is a ready-to-use product with a spray applicator attached. There are no domestic exposure concerns from the use of the product.

### Environmental Assessment

An environmental assessment was not required for this application.

### Value Assessment

Three laboratory trials were submitted to support the use of Bissell Deep Clean + Sanitize as a carpet and soft surface sanitizer. The results demonstrated a reduction of > 99.9 % (a 3 log<sub>10</sub>

reduction) in the number of each test microorganism over the control for both cotton and polyester fabric swatches tested within the one minute contact time and for polyester and nylon carpet samples tested within the 60 minutes contact time. Therefore, the use of this product to kill 99.9% of bacteria on soft surface within a one minute contact time is considered acceptable

## Conclusion

Following review of the application; Bissell Deep Clean + Sanitize, was registered for use as a carpet and soft surface sanitizer.

## References

### PMRA

#### Document

#### Number

#### Reference

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2457709	2014, Appendix 1 - Raw Material Specs Sheet for Active Ingredient - Peroxal 50 BIO, DACO: 3.2.1 CBI
2457710	2014, Appendix 2 - Raw Material Specs. Sheet for Formulants, DACO: 3.2.1 CBI
2457712	2014, Appendix 3 - Certificate of Analysis for TGAI – [CBI Removed], DACO: 3.2.1 CBI
2457713	2014, Appendix 4 - Certificate of Analysis for Formulants, DACO: 3.2.1 CBI
2457715	2014, Appendix 6 - SOP QI-4.9-02C Batch Processing, DACO: 3.2.2 CBI
2457716	2014, Appendix 7 -Manufacturing Order for Acceltbus (Reg.) formula, DACO: 3.2.2 CBI
2457718	2014, Appendix 8 - SOP QI-4.10-02 In-Process Inspection and Testing, DACO: 3.2.2 CBI
2457720	2014, Appendix 9 - SOP QI-4.10-03 Finished Product Testing, Inspection and Release, DACO: 3.2.2 CBI
2457723	2014, Appendix 10 - Hydrogen Peroxide Analytical Method Validation Report, DACO: 3.4.1 CBI
2457725	2014, Appendix 11 - Virox No. 1 FP Peroxide Concentration Test, DACO: 3.4.1 CBI
2457727	2014, Appendix 12 - Acceltbus-REG Finished Product Specifications Sheet, DACO: 3.5.2 CBI
2457729	2014, Appendix 13 - Virox No 3FP Specific Gravity Determination, DACO: 3.5.6 CBI
2457731	2014, Appendix 14 - Virox No 2FP pH, DACO: 3.5.7 CBI
2457733	2014, Appendix 15 - SOP QI-4.10-05 Stability Program, DACO: 3.5.10 CBI
2457735	2014, Appendix 16 - Acceltbus Stability Report 06-23-2009, DACO: 3.5.10 CBI
2457736	2014, Appendix 16 - Accel TB US 1 Yr. RT Stability - GLP, DACO: 3.5.10 CBI
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- 2457751 2014, Value Summary, DACO: 10.1
- 2457752 2014, Justification on Efficacy Test Performed for this Product Registration, DACO: 10.1
- 2457756 2012, Efficacy Report: Carpet Sanitizer, DACO: 10.2.2,10.2.3
- 2457758 2012, Efficacy Report: Carpet Sanitizer, DACO: 10.2.2,10.2.3
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- 2457740 2004, Acute Dermal Toxicity Study in Rabbits, DACO: 4.6.2
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- 2457743 2004, Acute Dermal Irritation Study in Rabbits, DACO: 4.6.5
- 2457744 2004, Skin Sensitization: Local Lymph Node Assay in Mice, DACO: 4.6.6
- 2457747 2014, 90-Day Study Waiver, DACO: 4.7
- 2457749 2014, Part 5: Occupational Exposure DACO 5.2, DACO: 5.2

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