

## **Evaluation Report for Category B, Subcategory B.3.11 Application (New or Changes to Product Label – New Pests)**

**Application Number:** 2019-3436  
**Application:** Category B, Subcategory B.3.11  
**Product:** StorOx  
**Registration Number:** 27432  
**Active ingredients (a.i.):** HPX  
**PMRA Document Number:** 3041318

### **Background**

StorOx is registered as a bactericide/fungicide for control of Botrytis grey mould on greenhouse tomato, the postharvest management of bacterial and fungal plant pathogens on a variety of fruits and vegetables, and for packing house and crop storage facility disinfection. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

### **Purpose of Application**

The purpose of this submission was to add equipment disinfection claims for hard non-porous equipment that may transfer food spoilage organisms.

### **Chemistry, Health and Environmental Assessments**

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

### **Value Assessment**

Three laboratory efficacy trials were conducted to demonstrate the efficacy of StorOx applied on hard surfaces for the control of various bacterial organisms and a single plant pathogen. The studies demonstrated that the product kills the target organisms, on hard non-porous surfaces, therefore showing that this product has acceptable value.

### **Conclusion**

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of StorOx to include equipment disinfection claims for hard non-porous surfaces on equipment that may transfer food spoilage organisms.

## References

### List of Studies/Information Submitted by Registrant

| PMRA Document Number | Reference  |
|----------------------|--|
| 3014092              | 2003, AOAC Disinfectant Testing of Oxidate in the Presence of 5% Blood Serum and 4000 PPM of CaCO <sub>3</sub> Hard Water, DACO: 10.2.3.2  |
| 3014093              | 2003, Additional AOAC Disinfectant Testing of Oxidate in the Presence of 5% Blood Serum and 4000 PPM of CaCO <sub>3</sub> Hard Water, DACO: 10.2.3.2                               |
| 3014094              | 2003, AOAC Disinfectant Testing of Oxidate Against <i>Xanthomonas axonopodis</i> in the Presence of 5% Blood Serum and 4000 PPM of CaCO <sub>3</sub> Hard Water, DACO: 10.2.3.2(D) |

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