

Evaluation Report for Category B, Subcategories 2.1, 3.14 Application

Application Number: 2018-4797
Application: New End-Use Product Chemistry – Guarantee, Product Label – Classifications
Product: ClearBlue Ionizer A-800
Registration Number: 34129
Active ingredient (a.i.): Device
PMRA Document Number: 3227814

Purpose of Application

The purpose of this application was to register a new domestic copper-releasing device for use in pools, spas and hot tubs, ClearBlue Ionizer A-800, based on the precedent commercial product owned by the same registrant.

Health Assessments

The concentrations of copper ions and other ions and elements in pool and spa water resulting from the use of the device are expected to be very low. Consequently, occupational and bystander exposures to these ions and elements from the installation, operation, and/or maintenance of the device or from bathing in or accidentally ingesting pool, spa, and/or hot tub water treated by the device are also expected to be very low.

Based on a consideration of these very low exposures and a review of drinking water guidelines and standards, the risk of human health effects from the copper ions and other ions and elements released from the device into pool, spa and hot tub water is acceptable.

Toxicology and dietary exposure assessments were not required for this application.

Value Assessment

A rationale to extrapolate from registered precedent products was acceptable to determine that ClearBlue Ionizer A-800 has acceptable value.

Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to support the registration of ClearBlue Ionizer A-800.

References

A. List of Studies/Information Submitted by Registrant

PMRA Document Number	Reference
1448471	Deficiency Review – Additional Information Toxicology Value, DACO: 0.8,10.2.2,10.2.3,10.6
3192917	2021, 5.2 Use Description / Scenario, DACO: 5.2
3213175	2021, A certificate of compliance from CSA confirming that the proposed product can be used in domestic swimming pools and spas., DACO: 10.6
3192918	2021, Bridging rationale for part 10 data submitted under precedent, DACO: 10.6

B. Additional Information Considered

Published Information

PMRA Document Number	Reference
1979118	Health Canada. Guidelines for Canadian Drinking Water Quality Summary Table, Federal-Provincial-Territorial Committee on Drinking Water of the Federal-Provincial-Territorial Committee on Health and the Environment, May 2008, DACO: 4.8
1979151	National Primary Drinking Water Regulations. US EPA 816-F-09-004, May 2009, http://www.epa.gov/safewater/ , DACO: 12.5
1979166	Guidelines for Drinking-water Quality. Third Edition Incorporating The First and Second Addenda. Volume 1. Recommendations. World Health Organization. Geneva 2008, http://www.who.int/water_sanitation_health/dwq/fulltext.pdf , DACO 12.5

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