

Evaluation Report for Category B, Subcategory 3.4 Application

Application Number: 2008-5186
Application: New to Product Labels – Application Method
Product: Genieye Eye-nizer
Registration Number: 29581
Active ingredients (a.i.): Device [ZZZ]
PMRA Document Number : 1861865

Purpose of Application

The purpose of this application was to register Genieye Eye-nizer, a domestic copper ion releasing device for use as an algacide in swimming pool waters.

Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

Health Assessments

Genieye Eye-nizer is considered similar to the currently registered copper release devices. Therefore, the toxicological profile is not expected to be significantly different and no toxicological data were required for this application.

A health assessment was conducted for Genieye Eye-nizer. Compared to the registered copper-release devices, exposure of handlers or swimmers to copper released from Genieye Eye-nizer is not expected to increase. Exposure to zinc which is also generated from this device is not of concern.

Value Assessment

Efficacy data were submitted to confirm the daily copper output of Genieye Eye-nizer. The maximum copper output generated per day is (0.02 ppm), based on the maximum volume of water to be treated with Genieye Eye-nizer (100 000 L). Although it would take a minimum of 10 days to attain copper residuals within the recommended 0.2-0.4 ppm range, this is considered acceptable as Genieye Eye-nizer is to be used with a chlorine sanitizer and daily levels of free available chlorine is to be monitored in the pool water. Therefore, the use of Genieye Eye-nizer as an algaecide in swimming pool waters is considered acceptable from a value viewpoint.

Conclusion

The PMRA has completed an assessment of available information for Genieye Eye-nizer and has found the information sufficient to support full registration of this product.

References

- 1720926 2006, Laboratory Trials - Test Method Hach Bicinchoninate Method for CU+ and Hydrosulfite Reagent for Total Copper CU, DACO: 10.2.3.2
- 1720925 2007, Intertek ETL Semko Authorization to Mark, DACO: 10.6

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