



Evaluation Report for Category B, Subcategory 2.1 Application

Application Number: 2010-5056
Application: B.2.1 – New/Changes EP or MA Product Chemistry-Guarantee
Product: ECO-MATIC COMM360 Automatic CHLORINE GENERATOR
Registration Number: 30295
Active ingredients (a.i.): Device
PMRA Document Number : 2369763

Purpose of Application

The purpose of this application was to register a new chlorine generator for commercial swimming pools/spas, ECO-matic COMM360 Automatic CHLORINE GENERATOR, within USC 29 (Swimming pools).

Health Assessments

There is a long history of use of chlorine as an antimicrobial in swimming pools/spas, the proposed copper levels are lower than current use levels or drinking water guidelines and the target rate of both chlorine and copper fall within those currently registered for this use pattern. Therefore, no toxicology data were required.

A qualitative health assessment has been conducted for the registration of a new commercial end-use product, ECO-matic COMM360 Automatic CHLORINE GENERATOR, a device that produces chlorine to control bacteria and algae in swimming pools/spas. It is not expected that exposure, from chlorine, to handlers and swimmers will increase over the exposure from the currently registered uses.

Value Assessment

Efficacy data of a laboratory trial done in triplicate was submitted to confirm the daily free available chlorine (FAC) output of ECO-matic COMM360 Automatic CHLORINE GENERATOR. The device can generate a maximum of 0.85 kg of FAC per day and the maximum pool volume which can be treated with one device is 50 000 L. Therefore, the ECO-matic COMM360 Automatic CHLORINE GENERATOR can generate a sufficient amount of FAC to achieve the 1-3 ppm and 3-5 ppm levels required in commercial swimming pools/spas.

Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

Conclusion

The PMRA has completed an assessment of the available information for ECO-matic COMM360 Automatic CHLORINE GENERATOR. The PMRA has determined the information sufficient to support full registration of the ECO-matic COMM360 Automatic CHLORINE GENERATOR.

References

PMRA Document Number	Reference
1974442	2010, CSA/UL Approval Letters, DACO: 0.8.9
2012865	2011, Trial Chlorine Output Test COMM360, DACO: 10.2.3.4(E)

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