

Evaluation Report for Category B, Subcategory 2.1 Application

Application Number: 2010-5058
Application: B.2.1 – New/Changes EP or MA Product Chemistry-Guarantee
Product: ECO-matic COMM 2400 Automatic CHLORINE GENERATOR DEVICE
Registration Number: 30297
Active ingredients (a.i.): Device
PMRA Document Number : 2370091

Purpose of Application

The purpose of this application was to register a new chlorine generator for commercial swimming pools/spas, ECO-matic COMM 2400 Automatic CHLORINE GENERATOR DEVICE, within USC 29 (Swimming pools).

Health Assessments

There is a long history of use of chlorine as an anti-microbial in pools and 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 COMM 2400 Automatic CHLORINE GENERATOR DEVICE, 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 trial done with triplicate tests was submitted to confirm the daily free available chlorine (FAC) output of ECO-MATIC COMM 2400 Automatic CHLORINE GENERATOR DEVICE. In ideal conditions used in the trials, the device can generate a maximum of 6 kg of FAC per day in the maximum pool volume stated on the label (300 000L). However, an output of 5.76 kg of FAC per day is more representative of typical conditions and is still sufficient to provide the FAC within recommended rates. Therefore, the use of ECO-MATIC COMM 2400 Automatic CHLORINE GENERATOR DEVICE for use in commercial pools/spas is acceptable.

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 COMM 2400 Automatic CHLORINE GENERATOR DEVICE. The PMRA has determined the information sufficient to support full registration of the ECO-matic COMM 2400 Automatic CHLORINE GENERATOR DEVICE.

References

PMRA Document Number	Reference
1969887	2009, CSA/UL Approval Letters, DACO: 0.8.9
2008303	2010, Trial Chlorine Output Test COMM2400, DACO: 10.2.3.4(E)

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