

Evaluation Report for Category B, Subcategory 2.1 Application

Application Number: 2007-5413
Application: New end-use product
Product: Clearwater Salt Chlorinator Model LM3-200
Registration Number: 28849
Active ingredients (a.i.): Pool Device
PMRA Document Number: 1533675

Purpose of Application

The purpose of this application is to register a new domestic class chlorine generator for the control of bacteria and algae in swimming pools.

Chemistry Assessment

A chemistry assessment was not required.

Health Assessments

There are no toxicology concerns arising from the use of the Clearwater Salt Chlorinator Model LM3-200 since the amount of salt recommended to be added to swimming pools (4 kg per 1000 litres) falls within the range of salt concentrations recommended for currently registered chlorine generating devices.

A health assessment has been conducted for Clearwater Salt Chlorinator Model LM3-200. PMRA is unable to comment on physical hazards associated with the device itself as this is outside the scope of the Health Evaluation Directorate. Generally, the scope of the review for these types of devices is limited to a quantitative or qualitative assessment of exposure to active ingredients. No increase in exposure to both handlers and swimmers is expected from this product compared to other registered products.

Environmental Assessment

An environmental assessment was not required as exposure to the environment is limited with the proper use of this device.

Value Assessment

Efficacy data was submitted to confirm the daily free available chlorine output of Clearwater Salt Chlorinator, Model LM3-200. The maximum free available chlorine (FAC) generated per day is sufficient (0.884 kg/day), based on the maximum pool volume stated on the label (200 000 L), to provide FAC residuals within the recommended 1-3 ppm range. The use of Clearwater Salt Chlorinator Model LM3-200 for use in domestic swimming pools is acceptable.

Conclusion

The PMRA has completed an assessment of available information for Clearwater Salt Chlorinator Model LM3-200 and has found the information sufficient to allow for full registration of the device.

References

PMRA Document Number	Reference
1466128	LM3-200 CI Output Report
1468254	LM Series UL & CSA Approvals

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