



Evaluation Report for Category B, Subcategory 2.1 Application

Application Number: 2007-8800
Application: Category B, subcategory 2.1 (New/Changes to End-use Product Chemistry Guarantee)
Product: ChlorKing Saline Chlorination System, Model CHLOR-5.0
Registration Number: 29088
Active ingredients (a.i.): Not applicable for a device.
PMRA Document Number: 1759970

Purpose of Application

The purpose of this application is to register a new commercial swimming pool and spa chlorine generating device, ChlorKing Saline Chlorination System, Model CHLOR-5.0.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

An exposure assessment has been conducted for ChlorKing Saline Chlorination System. No increase in exposure to both handlers or swimmers is expected from this product compared to other registered products. PMRA is unable to comment on physical hazards associated with the device itself as this is outside the scope of the Health Evaluation Directorate.

Since similar chlorine generating devices are currently registered and no increased exposure is expected to result from this device, no toxicology data were required.

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

Efficacy data was submitted to confirm the daily free available chlorine output of ChlorKing Saline Chlorination System, Model CHLOR-5.0. Based on the maximum pool volume stated on the label (283 900L), the maximum free available chlorine (FAC) generated per day is sufficient (2.25 kg/day) to provide FAC residuals within the recommended 1-3 ppm range. The use of ChlorKing Saline Chlorination System, Model CHLOR-5.0 for use in domestic swimming pools is acceptable.

Conclusion

The PMRA has completed an assessment of this application and has found the information sufficient to support the registration of ChlorKing Saline Chlorination System, Model CHLOR-5.0.

References

Value Assessment:

PMRA Document Number Reference

1527008 CHLOR-5.0 Output Report
1125937 NSF/ANSI Approval Letter

ISSN: 1911-8082

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