



## Evaluation Report for Category B, Subcategory 2.1 Application

**Application Number:** 2012-0719  
**Application:** B.2.1 - New EP  
**Product:** Intellichlor Electronic Chlorine Generator Model IC60  
**Registration Number:** 30930  
**Active ingredients (a.i.):** Device  
**PMRA Document Number:** 2309882

### Purpose of Application

The purpose of this application was to register Intellichlor Electronic Chlorine Generator Model IC60, a salt water chlorine generator to be used in domestic swimming pools and spas.

### Health Assessments

There is a long history of use of chlorine as an anti-microbial product in pools and spas, and the target chlorine concentration is the same as those associated with currently registered products for this use pattern. Therefore, there are no toxicology concerns arising from the use of Intellichlor Electronic Chlorine Generator Model IC60.

It is unlikely that the Intellichlor Electronic Chlorine Generator Model IC60 would represent an increase in domestic exposure over the existing use of devices for pools using sodium chloride. Exposure to free available chlorine of 1-3 ppm for pools and 3-5 ppm for spas generated from Intellichlor Electronic Chlorine Generator Model IC60 is within the established standards for this use pattern.

### Value Assessment

Efficacy data from a laboratory trial was submitted to confirm the daily free available chlorine (FAC) output of Intellichlor Electronic Chlorine Generator Model IC60. The device can generate a maximum of 0.632 kg of FAC per day which is sufficient to generate 1-3 ppm of FAC in a maximum pool volume of 210 667 L, and 3-5 ppm in a spa up to 126 400 L. Therefore, the use of the Intellichlor Electronic Chlorine Generator Model IC60 for use in domestic swimming pools is acceptable.

### Environmental and Chemistry Assessments

Environmental and chemistry assessments were not required for this application.

## **Conclusion**

The PMRA has reviewed the information provided in support of Intellichlor Electronic Chlorine Generator Model IC60. The PMRA has determined that Intellichlor Electronic Chlorine Generator Model IC60 is acceptable for full registration.

## References

- 2162268 2012, NSF/ANSI Standard 50, DACO: 10.6
- 2162271 2006, TEST 57 CL2 PRODUCTION, IC60, DACO: 10.2
- 2162272 2010, UL File, DACO: 10.6
- 2162256 2012, Device Label, DACO: 1.1, 2012-0719
- 2162395 2012, Device Label, DACO: 1.1, 2012-0722
- 2162270 2012, Replacement Cell, DACO: 1.1, 2012-0719
- 2162396 2012, Replacement Cell, DACO: 1.1, 2012-0722
- 2162258 2012, Installation Guide and User manual, DACO: 1.1, 2012-0719

ISSN: 1911-8082

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