



Evaluation Report for Category B, Subcategory 2.1 Application

Application Number: 2012-0722
Application: B.2.1 – New EP
Product: Intellichlor Electronic Chlorine Generator Model IC15
Registration Number: 30931
Active ingredients (a.i.): Device
PMRA Document Number: **2309891**

Purpose of Application

The purpose of this application was to register Intellichlor Electronic Chlorine Generator Model IC15, 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 IC15.

It is unlikely that the Intellichlor Electronic Chlorine Generator Model IC15 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 IC15 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 IC15. The device can generate a maximum of 0.278 kg of FAC per day which is sufficient to generate 1-3 ppm of FAC in the maximum pool volume which can be treated with one device (56 800 L) and 3-5 ppm in a 55 600 L spa. Therefore, the use of the Intellichlor Electronic Chlorine Generator Model IC15 for use in domestic swimming pools is acceptable.

Conclusion

The PMRA has reviewed the information provided in support of Intellichlor Electronic Chlorine Generator Model IC15. The PMRA has determined that Intellichlor Electronic Chlorine Generator Model IC15 is acceptable for full registration.

References

- 2162400 2006, TEST 57 CL2 PRODUCTION, IC15, DACO: 10.2
- 2162393 2008, Notice of Authorization to apply the UL Mark, DACO: 10.6 CBI
- 2162388 2010, UL File, DACO: 10.6 CBI
- 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

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2013

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.