

## Evaluation Report for Category B, Subcategory 2.1 Application

**Application Number:** 2007-5412  
**Application:** New end-use product  
**Product:** Clearwater Salt Chlorinator Model LM3-60  
**Registration Number:** 28848  
**Active ingredients (a.i.):** Pool Device  
**PMRA Document Number :** 1533673

### 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 LM3-60 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 LM3-60. 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 LM3-60. The maximum free available chlorine (FAC) generated per day is sufficient (0.385 kg/day), based on the maximum pool volume stated on the label (60 000 L), to provide FAC residuals within the recommended 1-3 ppm range. The use of Clearwater Salt Chlorinator Model LM3-60 for use in domestic swimming pools is acceptable.

## Conclusion

The PMRA has completed an assessment of available information for Clearwater Salt Chlorinator Model LM3-60 and has found the information sufficient to allow for full registration of the device.

## References

PMRA Document Number	Reference
1466097	LM3-60 Cl Output Report
1468254	LM Series UL & CSA Approvals

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2010

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.