



## Evaluation Report for Category B, Subcategory 2.1 Application

**Application Number:** 2021-6492  
**Application:** New End-Use Product, Product Chemistry - Guarantee  
**Product:** Polaris AutoClear SC (PAGSC20K)  
**Registration Number:** 34542  
**Active ingredient (a.i.):** Device  
**PMRA Document Number:** 3347884

### Purpose of Application

The purpose of this application was to register Polaris AutoClear SC (PAGSC20K), a salt-water chlorine generator to be used in domestic swimming pools.

### Chemistry, Health and Environmental Assessments

Chemistry, health and environmental assessments were not required for this application.

### Value Assessment

Efficacy data from a laboratory trial was submitted to confirm the daily free available chlorine (FAC) output of the Polaris AutoClear SC (PAGSC20K) chlorine generator. The device can generate a maximum output of 0.49 kg of FAC per day which is sufficient to generate 1-3 ppm of FAC in pools with a maximum volume of 75 000 L. Therefore, the use of Polaris AutoClear SC (PAGSC20K) chlorine generator for use in domestic pools is acceptable.

### Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found it sufficient to support the registration of Polaris AutoClear SC (PAGSC20K).

## References

PMRA Document Number	References
3300206	2010, Test Procedure – Chlorine Production Operation Trials, DACO: 10.2.3.4
3300207	2021, AUTOCLEAR SC Efficacy Laboratory Small Scale Operation trials, DACO: 10.2.3.2

© Her Majesty the Queen in Right of Canada, as represented by the Minister of Health Canada, 2022

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 Health Canada, Ottawa, Ontario K1A 0K9.