



Evaluation Report for Category B, Subcategory 2.1 Application

Application Number: 2010-1294
Application: B.2.1 – New / Changes EP or MA Product Chemistry-Guarantee
Product: Onzen II Salt Water Spa Chlorinator
Registration Number: 30130
Active ingredients (a.i.): Device, no guarantee required
PMRA Document Number : 2059760

Purpose of Application

The purpose of this application was to register Onzen II Salt Water Spa Chlorinator, a chlorine producing device designed to be used in hot and cold spas as well as swim spas and swimming pools.

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, no toxicology data were required.

A health assessment has been conducted for the registration of a new domestic end-use product, Onzen II Salt Water Spa Chlorinator, a device that produces chlorine and bromine to sanitize spas. Exposure to chlorine and bromine (3-5 ppm) generated by the device is within the established standards for this use pattern (Reg. Dir 93-05) and does not represent an increase in exposure compared to similar registered products.

Exposure to chlorine generated by the device is within the established standards for this use pattern and does not represent an increase in exposure compared to similar registered products.

Value Assessment

Efficacy data of a trial done with triplicate tests was submitted to confirm the daily free available chlorine (FAC) output of Onzen II Salt Water Spa Chlorinator. The device can generate a maximum of 73 grams FAC per day and the maximum spa volume which can be treated with one Onzen II Salt Water Spa Chlorinator is 6500 L. Therefore, the use of Onzen II Salt Water Spa Chlorinator for use in storable domestic spas is acceptable.

Conclusion

The PMRA has reviewed the information provided in support of Onzen II Salt Water Spa Chlorinator. Based on this review, Onzen II Salt Water Spa Chlorinator is acceptable for full registration.

References

PMRA Document Number	Reference
1891925	2010, Onzen II chlorine production trials, DACO: 10.2.3.2,2.16
1891927	Paul Saunier, 2009, Letter of electrical safety, DACO: 10.6 CBI

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