Evaluation Report for Category B, Subcategory 2.1 Application

Application Number: 2024-3492
Application: New End-use Product (Product Chemistry) - Guarantee
Applicant: RBF International Limitee
Product: ONYX InfiniStick
Registration Number: 35835
Active ingredient (a.i.): Available chlorine (present as calcium hypochlorite)
PMRA Document Number : **3780351**

Purpose of Application

The purpose of this application was to register the new domestic class end-use product, ONYX InfiniStick, for use in swimming pools to control bacteria and algae.

Chemistry Assessment

ONYX InfiniStick is formulated as tablets containing available chlorine at a concentration of 70.5%, present as calcium hypochlorite. The required chemistry data for ONYX InfiniStick have been provided, reviewed and found to be acceptable.

Health Assessments

ONYX InfiniStick is considered to be of moderate acute toxicity by the oral route of exposure, of low acute toxicity by the dermal route of exposure, of slight acute toxicity by the inhalation route of exposure, corrosive to the eyes and skin and not a dermal sensitizer.

There is no potential for occupational exposure since the product is for domestic use.

The health risks to bystanders and individuals in residential areas are acceptable when ONYX InfiniStick is used according to label directions. Precautionary and direction for use statements on the product label aimed at mitigating residential exposure are considered adequate to protect individuals from any potential risk due to exposure.

There are no food or drinking water concerns when the product is used according to label directions.

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

ONYX InfiniStick is a pool product containing available chlorine, present as calcium hypochlorite, as its active ingredient. The value of this product is supported based on calcium

hypochlorite's long history of use as a routine chlorine sanitizer in domestic pools. ONYX InfiniStick has value as a pool sanitizer when used as directed on the label, provided the free available chlorine level is maintained between 1 and 3 ppm. The registration of ONYX InfiniStick will provide end-users with an alternative to other similar products.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the registration of ONYX InfiniStick.

References

PMRA Document Number	Reference
3682750	2025, Storage Stability and Corrosion Characteristics, DACO: 3.5.10,3.5.14 CBI
3682751	2025, Use Description Scenario, DACO: 5.2

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