

Evaluation Report for Category B, Subcategory 2.3, 2.4, 2.6 Application

Application Number: 2019-3345
Application: New EP Product Chemistry; Identity and Proportion of Formulants, New combination of Technical Grade Active Ingredients
Product: Sani Marc PMF - Piscine
Registration Number: 33836
Active ingredients (a.i.): Available chlorine, present as calcium hypochlorite and zinc, present as zinc oxide
PMRA Document Number : 3133285

Purpose of Application

The purpose of this application was to register Sani Marc PMF – Piscine, a tablet containing available chlorine, present as calcium hypochlorite and zinc, present as zinc oxide for use as a routine chlorine sanitizer and an algacide maintenance product in domestic swimming pools.

Chemistry Assessment

Sani Marc PMF - Piscine is formulated as tablets containing available chlorine, present as calcium hypochlorite and zinc, present as zinc oxide at concentrations of 50.9 % and 0.4 %, respectively. This end-use product has a density of 2 - 2.2 g/cm³ and pH of 7.4 – 8.4 (1% sol.). The required chemistry data for Sani Marc PMF - Piscine have been provided, reviewed and found to be acceptable.

Health Assessments

Sani Marc PMF- Piscine is considered to be of moderate acute toxicity via the oral route, of low acute toxicity via the dermal route and of slight acute toxicity via the inhalation route. Sani Marc PMF- Piscine is considered corrosive to the eye and skin, but is not expected to be a dermal sensitizer.

The use of Sani-Marc PMF- Piscine in swimming pools is not expected to result in potential handler, bather or bystander exposure over the registered uses of available chlorine, present as calcium hypochlorite and zinc, present as zinc oxide. No risks of concern are expected when homeowners follow label directions and wear personal protective equipment as stated on the label.

A dietary exposure assessment was not required for this application.

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

Value information was provided to support the use of Sani Marc PMF- Piscine, containing available chlorine, present as calcium hypochlorite and zinc, present as zinc oxide, which function as a routine chlorine sanitizer and an algicide maintenance product in domestic swimming pools, provided that the free available chlorine is maintained between 1 and 3 ppm.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the registration of Sani Marc PMF- Piscine.

References

PMRA Document Number	References
3011883	2019, 3.2.1 DESCRIPTION OF STARTING MATERIALS, DACO: 3.2.1 CBI
3011884	2019, 3.2.2 DESCRIPTION OF THE FORMULATION PROCESS, DACO: 3.2.2 CBI
3011885	2019, 3.2.3 DISC OF FORM OF IMPURITIES OF TOX CONCERN, DACO: 3.2.3 CBI
3011886	2019, 3.3.1 ESTABLISHING CERTIFIED LIMITS, DACO: 3.3.1 CBI
3011887	2019, 3.4.1 ENFORCEMENT ANALYTICAL METHOD, DACO: 3.4.1 CBI
3011888	2019, 3.5.1 COLOUR, DACO: 3.5.1 CBI
3011889	2019, 3.5.2 PHYSICAL STATE, DACO: 3.5.2 CBI
3011890	2019, 3.5.3 ODOUR, DACO: 3.5.3 CBI
3011891	2019, 3.5.4 FORMULATION TYPE, DACO: 3.5.4 CBI
3011892	2019, 3.5.5 CONTAINER MATERIAL AND DESCRIPTION, DACO: 3.5.5 CBI
3011893	2019, 3.5.6 DENSITY OR SPECIFIC GRAVITY, DACO: 3.5.6 CBI
3011894	2019, 3.5.7 pH, DACO: 3.5.7 CBI
3011895	2019, 3.5.8 OXIDIZING OR REDUCING ACTION, DACO: 3.5.8 CBI
3011896	2019, 3.5.10 STORAGE STABILITY DATA, DACO: 3.5.10 CBI
3109056	2017, 3.5.10 REFERENCE STABILITE ZINC CRIQ PCP 32982, DACO: 3.5.10 CBI
3109057	2020, 3.5.10 rev1 STORAGE STABILITY DATA, DACO: 3.5.10 CBI
3109058	2020, 3.5.14 CORROSION CHARACTERISTICS, DACO: 3.5.14 CBI
3011899	2019, 4.1 SUMMARY - TOXICOLOGY PROFILE, DACO: 4.1
3011900	2019, 4.6 ACUTE STUDIES - EP, DACO: 4.6
3011903	2019, 10.1 VALUE SUMMARY, DACO: 10.1
3011904	2019, 10.3.2 NON-SAFETY ADVERSE EFFECTS, DACO: 10.3.2

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