

Evaluation Report for Category B, Subcategory 2.3, 2.4 Application

Application Number: 2017-4095
Application: New End-Use Product, Product Chemistry – Identity of Formulants and Proportion of Formulants
Product: Bardac 2250I
Registration Number: 33161
Active ingredients (a.i.): Didecyl dimethyl ammonium chloride
PMRA Document Number : 2875663

Purpose of Application

The purpose of the application was to register the end-use product Bardac 2250I, containing the active ingredient didecyl dimethyl ammonium chloride.

Chemistry Assessment

Bardac 2250I is formulated as a solution containing didecyl dimethyl ammonium chloride at a concentration of 50.0%. This end-use product has a density of 0.9067 g/mL and pH of 6.14 for a 1% dilution. The required chemistry data for Bardac 2250I have been provided, reviewed and found to be acceptable.

Health Assessments

The acute hazard profile of Bardac 2250I is considered equivalent to that of the cited precedent.

The registration of Bardac 2250I in oil field operations is not expected to result in potential occupational or bystander exposure over the registered use of didecyl dimethyl ammonium chloride. No risks of concern are expected when workers 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

No environmental data were submitted to support this submission and none are required. No additional risk to the environment is expected from the registration of Bardac 2250I. The product fits within the registered use pattern for the active. No label amendments are required at this time.

Value Assessment

The value of this product was supported based on a comparison to a registered precedent product owned by the same registrant.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the available information and has found it sufficient to support the registration of Bardac 2250I.

References

PMRA Document Number	References
2793645	2017, Product Identification, DACO: 3.1.1,3.1.2,3.1.3,3.1.4 CBI
2793647	2017, Physical and Chemical Properties of Bardac 2250 [I]: Color, Physical State, Odor, Accelerated Storage Stability and Corrosion Characteristics, DACO: 3.5.1,3.5.10,3.5.14,3.5.2,3.5.3,3.5.4 CBI
2793648	2003, Determination of the Viscosity of Bardac 22 / Dodigen 1881, DACO: 3.5.9 CBI
2793651	2017, Container specifications, DACO: 3.5.5 CBI
2827590	2017, Bardac 2250[I]: Product Identity and Composition, Beginning Materials, Production Process and Formation of Impurities, DACO: 3.2.1,3.2.2,3.2.3 CBI
2827593	2015, Method Validation for the Analysis of Quaternary Ammonium Compounds in Lonza Formulations, DACO: 3.4.1 CBI
2870741	2018, Physical and Chemical Properties of BARDAC 2250 [I], DACO: 3.5.11,3.5.6,3.5.7 CBI

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