

Evaluation Report for Category B, Subcategory 2.3, 2.4 Application

Application Number: 2018-3199
Application: B.2.3: Identity of Formulants
B.2.4: Proportion of Formulants
Product: Maquat MC1412-50CN
Registration Number: 33451
Active ingredients (a.i.): Alkyl (40% C₁₂, 50% C₁₄, 10% C₁₆) dimethyl benzyl ammonium chloride
PMRA Document Number : 299018

Purpose of Application

The purpose of this application was to register a new manufacturing concentrate, Maquat MC1412-50CN.

Chemistry Assessment

Maquat MC1412-50CN is formulated as a solution containing Alkyl (40% C₁₂, 50% C₁₄, 10% C₁₆) dimethyl benzyl ammonium chloride at a concentration of 50%. This product has a density of 0.959- 0.979 g/mL and pH of 7.63. The required chemistry data for Maquat MC1412-50CN have been provided, reviewed and found to be acceptable.

Health Assessments

Maquat MC1412-50CN is considered to be of high acute toxicity via the oral route, and of moderate acute toxicity via the dermal and inhalation routes of exposure. It is corrosive to the eyes and skin, and is not considered to be a potential skin sensitizer.

Environmental and Value Assessment

Environmental and value assessments were not required for this application.

Conclusion

The PMRA has reviewed the information provided in support of this manufacturing concentrate. Based on the results of this review, Maquat MC1412-50CN is acceptable.

References

- PMRA # 2904649. 2018, Product Properties of Maquat MC1412-50 - Group A, DACO: 3.2.1,3.2.2,3.2.3,3.3.1,3.4.1 CBI.
- PMRA # 2904650. 2016, Product Properties of Maquat MC1412-50 - Group B, DACO: 3.5.1,3.5.10,3.5.11,3.5.12,3.5.13,3.5.14,3.5.2,3.5.3,3.5.

4,3.5.6,3.5.7,3.5.8,3.5.9 CBI.
PMRA # 2991568. 2019, Updated Materials Used to Produce the Product document including proposed wider limit justification, DACO: 3.2.2,3.3.1 CBI.
PMRA # 2991569. 2019, Response to Remove metal packaging, DACO: 3.5.10,3.5.14 CBI
PMRA # 2995043. 2019, Revised Materials Used to Produce the Product document including proposed wider limit justification, DACO: 3.2.2,3.3.1 CBI.

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