

Evaluation Report for Category B, Subcategory 2.1, 2.2, 2.3, 2.4 Application

Application Number: 2018-0546
Application: New Manufacturing Concentrate (Product Chemistry) –
Guarantee; Form of Technical Grade Active Ingredient; Identity of
Formulants; Proportion of Formulants
Product: M1834 Dicamba EA MC
Registration Number: 33503
Active ingredient (a.i.): Dicamba (present as monoethanolamine salt)
PMRA Document Number: 3014582

Purpose of Application

The purpose of this application was to register the manufacturing concentrate M1834 Dicamba EA MC, containing a new salt form of dicamba (monoethanolamine).

Chemistry Assessment

M1834 Dicamba EA MC is formulated as a solution containing dicamba, present as the monoethanolamine salt, at a concentration of 704 g ae/L. This product has a density of 1.2791 g/mL and pH of 6.4 (1% w/w in water). The required chemistry data for M1834 Dicamba EA MC have been provided, reviewed and found to be acceptable.

Health Assessments

M1834 Dicamba EA MC was of low acute toxicity in rats via the oral, dermal and inhalation routes of exposure. It was mildly irritating to the eyes, and slightly irritating to the skin, of rabbits. It was not a skin sensitizer in guinea pigs.

No residue data were submitted to support the registration of M1834 Dicamba EA MC, containing a new salt form (monoethanolamine). Given that the toxicological profile for the monoethanolamine salt of dicamba is not expected to be significantly different from other currently registered dicamba salts, there should be no health risks of concern associated with dietary exposure.

An occupational exposure assessment was not required for this application.

Environmental Assessment

Environmental exposure from the use of this product is expected to be minimal, as it is for manufacturing, formulating and repackaging purposes only.

Value Assessment

A value assessment was not required for this application.

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 M1834 Dicamba EA MC.

References

PMRA Document Number	Reference
2847847	2016, Chemical and Physical Properties, DACO: 3.1, 3.2, 3.3.1, 3.5 CBI
2940245	2016, Enforcement Analytical Method, DACO: 3.4.1 CBI
2847848	2016, MON 100306: Acute Oral Toxicity - Up and down procedure in rats, DACO: 4.2.1
2847849	2016, MON 100306: Acute dermal toxicity in Rats, DACO: 4.2.2
2847850	2016, MON 100306: Acute Inhalation Toxicity in Rats, DACO: 4.2.3
2847851	2016, MON 100306: Primary Eye Irritation in Rabbits, DACO: 4.2.4
2847852	2016, MON 100306; Primary skin irritation in rabbits, DACO: 4.2.5
2847853	2016, Dermal Sensitization Test In Guinea Pigs, DACO: 4.2.6

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