

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2006-0188
Application: Category B, subcategory 1.1
Product: BoraSol-MU Technical
Registration Number: 27734
Active ingredients (a.i.): Boron (present as Disodium Octaborate Tetrahydrate)
PMRA Document Number: 1379224

Background

The original source of Boron (present as Disodium Octaborate Tetrahydrate) technical grade active ingredient, “BoraSol-MU Technical” (Reg. No. 27734) was first registered in 2004.

Purpose of Application

The purpose of this application is to register a new technical source of BoraSol-MU Technical by the same registrant.

Chemistry Assessment

Common Name: Disodium Octaborate Tetrahydrate
Chemical Name: Disodium Octaborate Tetrahydrate

BoraSol-MU Technical has the following properties:

Property	Result
Colour and physical state	white soluble powder
Nominal concentration	20.96% Boron (present as Disodium Octaborate Tetrahydrate)
Odour	None
Density	1.8 - 2.0 kg/L (at 25°C)
Vapour pressure	not provided
pH	7.6 (10% solution)
Solubility in water	97 mg/L (at 20°C)
n-Octanol/water partition coefficient	not provided

The chemistry requirements for BoralSol-MU Technical have been completed.

Health and Environmental Assessments

The health and environmental risk profile of BoralSol-MU Technical is expected to be similar to that its original registered source.

Value Assessment

A value assessment is not required for technical grade active ingredient products.

Conclusion

The PMRA has completed an evaluation of the subject application and has determined that BoralSol-MU Technical is eligible for amended registration.

References

- 1155087 2005, TGAI Site of Manufacture Information Renewal, DACO: 2.2,2.4,2.5
- 1217102 Manufacturing Process: Disodium Octoborate Tetrahydrate. (1) Product composition and description of beginning material (2) Manufacturing process (3) Discussion of formation of impurities (4) Analytical methods: analysis of samples; certification of ingredients
- 1217103 Disodium Octaborate Tetrahydrate. Packaging: Polypropelene Bags. [Batch Data], N/S, N/S, MRID: N/S, DACO: 2.13.3
- 1357012 2006, Analysis Certificates. Disodium Octoborate Tetrahydrate HD., Agenor S.A. Boron Chemical Specialities, 1337, DACO: 2.13.3

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