Health Canada Santé Canada

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

Application Number: 2008-0754
Application: B.2.1 (New/Changes to product chemistry - guarantee)
B.2.3 (New/Changes to product chemistry – identity of formulants)
B.2.4 (New/Changes to product chemistry – proportion of formulants)
Product: Gourmet Liquid Ant Bait Dot II
Registration Number: 29345
Active ingredients (a.i.): disodium octaborate tetrahydrate (BOC)
PMRA Document Number: 1763189

Purpose of Application

Innovative Pest Control Products has submitted an application to register an end-use product, Gourmet Liquid Ant Bait DOT II, containing the active ingredient disodium octaborate tetrahydrate for commercial use.

Chemistry Assessment

Gourmet Liquid Ant Bait DOT II is a solution containing the active ingredient disodium octaborate tetrahydrate at a minimum concentration of 1.0%. This product has a density of 1.17 g/mL and pH of 7.99. The product contains the formulation preservative sodium benzoate at a minimum concentration of 0.25%. The chemistry requirements for Gourmet Liquid Ant Bait DOT II have been completed.

Health Assessments

Gourmet Liquid Ant Bait DOT II is considered to be of low acute toxicity via the oral, dermal and inhalation routes. It is minimally irritating to the eyes and is not considered to be a dermal irritant or potential skin sensitizer.

A health assessment has been conducted for Gourmet Liquid Ant Bait DOT II. It is not expected that exposure to applicators will increase over the exposure from currently registered products containing disodium octaborate tetrahydrate active ingredient.

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Environmental Assessment

No significant environmental exposure is anticipated based on the use pattern for this product.

Value Assessment

To demonstrate the efficacy of Gourmet Liquid Ant Bait DOT and Gourmet Liquid Ant Bait DOT II, three study reports were submitted on cockroaches and seven on ants. The results showed that disodium octaborate tetrahydrate was effective in controlling cockroaches, ants and carpenter ants, and that the minimum effective concentration of disodium octaborate tetrahydrate was 1% for cockroaches and carpenter ants and 0.5% for other ant species. From a value and sustainability perspective, the use of Gourmet Liquid Ant Bait DOT II is acceptable for the control of cockroaches, ants and carpenter ants.

Conclusion

The PMRA has completed an assessment of available information and has found the information sufficient to support the registration of the end-use product Gourmet Liquid Ant Bait DOT II for commercial use.

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