

Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4, 2.5 Application

Application Number: 2010-1671
Application: B.2.1 (Product chemistry – guarantee)
B.2.3 (Product chemistry – identity of formulants)
B.2.4 (Product chemistry – proportion of formalants)
B.2.5 (Product chemistry – formulation type)
Product: Green Way Ant & Roach Bait Gel
Registration Number: 30375
Active ingredients (a.i.): Disodium octaborate tetrahydrate (BOC)
PMRA Document Number English: 1979761

Purpose of Application

Innovative Pest Control Products has submitted an application to register a new end-use product, Green Way Ant & Roach Bait Gel (6% disodium octaborate tetrahydrate). The proposed target pests and use sites are based on a precedent registration, Green Way Liquid Ant and Roach Killer (1% disodium octaborate tetrahydrate, Reg. No. 29345).

Chemistry Assessment

Green Way Ant & Roach Bait Gel is a gel containing the active disodium octaborate tetrahydrate at a concentration of 6.0% minimum. This product has a density of 1.34 g/mL and a pH of 7.37. The chemistry requirements for Green Way Ant & Roach Bait Gel have been completed.

Health Assessments

Green Way Ant & Roach Bait Gel is considered to be of low acute toxicity via the oral, dermal and inhalation routes, non-irritating to both the eye and skin, and not a skin sensitizer.

A human health exposure review was completed for the new commercial end-use product, Green Way Ant & Roach Bait Gel. The potential exposure of chemical handlers and post-applicators to disodium octaborate tetrahydrate is considered acceptable.

Environmental Assessment

No environmental concerns were identified for the proposed use of Green Way Ant & Roach Bait Gel.

Value Assessment

Two laboratory trials on cockroaches and two more on ants were provided. The trials demonstrated that disodium octaborate tetrahydrate provided control of ants and cockroaches. Based on these data and on extrapolation from the registered liquid formulation of disodium octaborate tetrahydrate, use of Green Way Ant & Roach Bait Gel for control of ants and cockroaches can be accepted.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Green Way Ant & Roach Bait Gel, and has found the information sufficient to register this new end-use product

References

PMRA

Document Number

Reference

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1899051	2003, Storage Stability and Corrosion Characteristics, DACO: 3.5.10,3.5.14
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1925170	2010, Chemistry DACO 3.3.1-Establishing Certified Limits-gel, DACO: 3.3.1 CBI
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- 785692 2003, Acute Inhalation Toxicity of Disodium Octaborate Tetrahydrate to Rat, DACO: 4.2.3
- 785697 2003, Acute Dermal Irritation / Corrosion Study of Disodium Octaborate Tetrahydrate in Rabbit, DACO: 4.2.5
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- 1899028 2010, Adverse Effects, DACO: 10.3.1,10.3.2
- 1899030 2006, Evaluation of 2 Bait Formulations by Innovative Pest Products when exposed to a Mixed Population of American Cockroaches (*Periplaneta americana*), DACO: 10.2.3.2(C)
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