

## Evaluation Report for Category B, Subcategory B.2.3, B.2.4, B.3.11, B.3.12 Application

**Application Number:** 2008-0156  
**Application:** B.2.3 (Changes product chemistry – identity of formulants)  
B.2.4 (Changes product chemistry – proportion of formulants)  
B.3.11 (Changes to product labels – new pests)  
B.3.12 (Changes to product labels – new site)  
**Product:** Niban Granular Bait D  
**Registration Number:** 26564  
**Active ingredients (a.i.):** Boric acid (BOA)  
**PMRA Document Number :** 1787028

### Purpose of Application

The purpose of this application was to add additional pests, to add use sites to the registered label of Niban Granular Bait D (Reg. No. 26564) and to add alternative formulants with corresponding changes in formulant proportions.

### Chemistry Assessment

Niban Granular Bait D is a granular solid containing the active ingredient boric acid at a nominal concentration of 5 %. This product has a density of 0.521 g/cm<sup>3</sup> and is not dispersible in water (so no pH value was measured). This product contains the allergen eggs, which is not yet indicated on the label. The chemistry requirements for Niban Granular Bait D have been completed.

### Health Assessments

Niban Granular Bait D is considered to be of low acute toxicity to rats via the oral, dermal and inhalation routes. It is considered to be mildly irritating to the eyes and slightly irritating to the skin. Niban Granular Bait D is not considered to pose a dermal sensitization hazard.

A health assessment has been conducted for Niban Granular Bait D. It is not expected that exposure to handler and bystander will increase over the current exposure.

## **Environmental Assessment**

An environmental assessment was conducted on Niban Granular Bait D for Cockroaches and Ants to add new pests, new sites, new formulants and formulant proportions and to decrease the rate. This product is similar to an already registered product Niban Granular Bait D for Cockroaches and Ants (Reg. No. 26564). Also, Niban Granular Bait D for Cockroaches and Ants is to be used in very limited areas, therefore the risk of exposure to non-target organisms in the environment is negligible if label directions are followed.

## **Value Assessment**

Ten trial reports were submitted for review. The product was effective in killing Argentine ants, pavement ants, outdoor American cockroaches and mole crickets, German and Asian cockroaches. Outdoor performance was maintained for up to 25 days, but the amount of active ingredient was reduced by 90% in the presence of up to 6.25 cm (2.5 inches) of accumulated rainfall.

The indoor label claims for Niban Granular Bait D for Cockroaches and Ants for the control of mole crickets, ants and cockroaches are acceptable. Both indoor and outdoor control claims are supported for ants and mole crickets. The proposed use pattern of 1-2 kg of product/100m<sup>2</sup>, applied in a band 0.6-1.2 m wide around exterior perimeter areas of structures for exterior control of ants is supported.

## **Conclusion**

All of the data and information submitted with this application have been reviewed and it has been determined the registration of Niban Granular Bait D for Cockroaches and Ants can be supported.

## **References**

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#### **Other References**

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