



## Evaluation Report for Category B, Subcategory 3.11 Application

**Application Number:** 2007-2469  
**Application:** Category B.3.11 (new pests)  
**Product:** Prescription Treatment brand Perma-Dust Pressurized Boric Acid Dust  
**Registration Number:** 27023  
**Active ingredients (a.i.):** Boric acid  
**PMRA Document Number :** 1466037

### Background

Prescription Treatment brand Perma-Dust Pressurized Boric Acid Dust (PCP# 27023) has been registered since April 30, 2002. This product is registered as a crack and crevice treatment for the control of ants, carpenter ants, cockroaches, crickets, silverfish and earwigs in residential, commercial and industrial buildings as well as transportation equipment (buses, boats etc.). For specific details of uses, application rates and methods, precautions, restrictions and personal protective equipment requirements, refer to the product label.

### Purpose of Application

The purpose of this application was to amend the registration of Prescription Treatment brand Perma-Dust Pressurized Boric Acid Dust to add new pests.

### Chemistry Assessment

A chemistry assessment was not required as there was no change to the product chemistry.

### Health Assessments

Toxicological and occupational exposure assessments were not required as the product formulation and application rates and methods did not change.

### Environmental Assessment

As the addition of pest claims did not involve a change in the use pattern or use sites, an environmental assessment was not required.

## Value Assessment

Three efficacy studies were submitted to support the proposed claims. Fourteen pests (bed bug, confused flour beetle, Indian meal moth larvae, wolf spider, bark scorpion, Argentine ant, carpenter ant, German cockroach, American cockroach, silverfish, cat flea, brown dog tick, American dog tick and centipede) were tested.

Based on the submitted efficacy data, the label claims for control of Indian meal moth larvae, flour beetles, centipedes and bed bugs are supported. The claims for control of booklice, clover mites, drugstore beetles, fire brats, dermestids, Trogodermas, grain weevils, chocolate moth larvae, pillbugs, snow bugs, millipedes and spiders are supported by extrapolation from the submitted efficacy data.

## Conclusion

The PMRA has completed the evaluation of the subject application and has found the information adequate to amend the registration to add bed bugs, Indian meal moth larvae, flour beetles, centipedes, booklice, clover mites, drugstore beetles, fire brats, dermestids, grain weevils, chocolate moth larvae, pillbugs, snow bugs, spiders and millipedes to the Prescription Treatment brand Perma-Dust Pressurized Boric Acid Dust label.

## References

- 1397442 2003, Value Summary, DACO: 10.1
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- 1397445 2003, Laboratory bioassay to determine the efficacy of a directed spray of Perma-Dust Pressurized for the control of bed bugs (*cimex lectularius*), 02/640 Version 3, DACO: 10.2
- 1397446 2003, Evaluation of Perma-Dust Pressurized Boric Acid Dust in the Control of the Indian Meal Moth and Bark Scorpion, 248-03, DACO: 10.2
- 1397447 2003, Evaluation of Residues of Perma-Dust Pressurized Boric Acid Dust and Tri-Die Pressurized Silica + Pyrethrin Dust in the Control of the Argentine Ant, Carpenter Ant, Silverfish, Confused Flour Beetle, Indian Meal Moth, Cat Flea, American Cockroach, Brown Dog Tick, American Dog Tick, Centipede, Wolf Spider, and Bark Scorpion
- 1397448 2007, Description of Pest Problem, DACO: 10.2.2

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