

Evaluation Report for Category B, Subcategory B.3.11 and B.3.12 Application

Application Number: 2011-4821
Application: Changes to Product Label: New Pests, and New Sites
Product: Bug-Tek
Registration Number: 28332
Active ingredients (a.i.): Permethrin
PMRA Document Number : 2239816

Background

Bug-Tek (Registration Number 28332; guarantee 0.25% permethrin) was first registered for use in Canada in 2006. Bug-Tek is an insecticide solution containing permethrin for indoor and outdoor use.

Purpose of Application

The purpose of this submission is to amend the Bug-Tek label to include new uses on indoor and outdoor residential surfaces and to add additional pests.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The amendments are not expected to alter the acute toxicity profile of the product.

The new uses for Bug-Tek, on indoor and outdoor surfaces, is not expected to result in potential residential, occupational or post-application exposure over the exposure from currently registered uses of permethrin. No risks of concern are expected when label directions are followed.

Environmental Assessment

A review of the label amendments was completed and required changes were addressed on the product label.

Value Assessment

The claim of residual activity against German cockroaches, fleas, ticks and spiders was added to the Bug-Tek label. These uses were supported based on three precedent products and three efficacy studies. The use of Bug-Tek to control leaf eating caterpillars, thrips and leafhoppers on

indoor ornamental plants was supported based on extrapolation from outdoor ornamentals registered on a precedent product.

Conclusion

The PMRA has reviewed the application for Bug-Tek and has found the information sufficient support the inclusion of additional uses on indoor and outdoor residential surfaces as well as additional pests to the Bug-Tek label.

References

PMRA

Document

Number	Reference
2155752	Summary Personal Expert Opinion on the Insecticidal Effectiveness in Cockroach Control, DACO: 10.2.3.1
2155753	Summary Evaluation of Insecticide 2000 on Flying and Crawling Insects, DACO: 10.2.3.1
2155756	1988, Study Personal Expert Opinion on the Insecticidal Effectiveness in Cockroach Control, DACO: 10.2.3.2
2155757	1984, Study Evaluation of Insecticide 2000 on Flying and Crawling Insects, DACO: 10.2.3.2
2209310	Scientific Rationale - Initial and Residual Effect of Permethrin on German and Oriental Cockroach., DACO: 10.6
2209311	1995, Efficacy Study on American and German Cockroaches, DACO: 10.2.3.2

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