

Evaluation Report for Category B.2.1,B.2.3,B.2.4,B.3.11 Application

Application Number: 2010-0362
Application: New end use product
Product: Raid Outdoor Ant Nest Destroyer 2
Registration Number: 30744
Active ingredients (a.i.): Tetramethrin, D-Phenothrin
PMRA Document Number: 2242602

Purpose of Application

The purpose of this application was to register a new domestic end-use product, Raid Outdoor Ant Nest Destroyer 2, containing tetramethrin and d-phenothrin, both with a guarantee of 0.2%.

Chemistry Assessment

Raid Outdoor Ant Nest Destroyer 2 is a pressurized product containing the active ingredients d-phenothrin and tetramethrin each at a nominal concentration of 0.2%. This product has a specific gravity of 0.966 and pH of 6.5 (for a 5% solution in water). The chemistry requirements for Raid Outdoor Ant Nest Destroyer 2 have been completed.

Health Assessments

Raid Outdoor Ant Nest Destroyer 2 is of low acute toxicity to rats via the oral and dermal routes of exposure and is of slight acute toxicity via the inhalation route. It is non-irritating to the eye and mildly irritating to the skin of rabbits. Raid Outdoor Ant Nest Destroyer 2 is not considered to be a dermal sensitizer based on the results of testing in guinea pigs.

A human health risk assessment was completed for Raid Outdoor Ant Nest Destroyer 2. Outdoor use on ants is not expected to result in unacceptable risks to domestic applicators or bystanders when the product is used according to label directions.

Environmental Assessment

When comparing Raid Outdoor Ant Nest Destroyer 2 to other registered products with similar use patterns, no additional environmental risk is expected from the use of this product. No label amendments are required at this time.

Value Assessment

Data were submitted from two efficacy trials conducted under field conditions near Guelph, Ontario in 2009. The proposed product provided 100% control of moisture ants (*Lasius pallitarsis*) and Alleheny mound ants (*Formica exsectoides*). Based on the efficacy data provided, the use claims were supported when the product is applied according to the directions for use.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the available information in support of Raid Outdoor Ant Nest Destroyer 2 and has found the information sufficient to support the registration of Raid Outdoor Ant Nest Destroyer 2

References

PMRA #	Reference
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| 1851094 | 2009, Field Evaluation Of The Efficacy Of TNT II To Control Moisture Ants And Allegheny Mound Ants In Southern Ontario, 2009, DACO: 10.2.3.3 |
| 1851137 | 1998, An Acute Oral Toxicity Study in Rats with Multicide Intermediate 2084, DACO: 4.6,4.6.1 |
| 1851138 | 1998, An Acute Dermal Toxicity Study in Rabbits with Multicide Intermediate 2084, DACO: 4.6.2 |
| 1851139 | 1998, An Acute Whole-Body Inhalation Toxicity Study in Rats with Multicide 2084, DACO: 4.6.3 |
| 1851141 | 2002, Primary Eye Irritation Study in Rabbits, DACO: 4.6.4 |
| 1851143 | 2002, Primary Skin Irritation Study in Rabbits, DACO: 4.6.5 |

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