

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2016-1284
Application: New site
Product: MGK 29871
Registration Number: 31486
Active ingredients (a.i.): Momfluorothrin and d-Phenothrin
PMRA Document Number: 2738196

Purpose of Application

MGK 29871 (registration number 31486) is a ready-to-use spray containing 0.05% momfluorothrin and 0.2% d-phenothrin, used to kill wasps, hornets and yellow jackets. The purpose of this application was to amend the product label to include use on nests.

Chemistry Assessment

There were no changes to the product formulation; therefore a chemistry assessment was not required for this application.

Health Assessments

The addition of nests to the product label has no impact on the acute toxicity profile of MGK 29871.

The exposure and risk to people applying MGK 29871 to wasp, hornet and yellow jacket nests was assessed. No risks of concern are expected from the new use, provided that users follow the label directions.

Environmental Assessment

The additional use on nests is not expected to pose a risk of concern from an environmental perspective. Environmental concerns have been mitigated through adequate statements on the product label.

Value Assessment

Label claims for use against nests of wasps, hornets, and yellowjackets were supported based on efficacy data from two field trials, one on the enclosed nests of aerial yellowjacket and baldfaced hornet and one on the open nests of European paper wasp, which indicated complete kill of the population of each treated nest.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendment of the MGK 29871 label to include use on nests.

References

PMRA

Document

| Number | Reference |
|---------|---|
| 2409268 | USEPA. 2012. Standard Operating Procedures for Residential Pesticide Exposure Assessment. EPA: Washington, DC. October 2012. Section 5. |
| 2613912 | 2016, Field efficacy of Pressurized Formula MGK-29871 against aerial nests of yellowjackets and hornets, DACO: 10.2.3.2(C) |
| 2613914 | 2016, Efficacy Evaluations (Knockdown - KD & Residual) of Two Experimental Insecticide Formulations (Aerosol) Compared with an Industry Standard Applied to Paper Wasp Nests as a Direct Application, DACO: 10.2.3.2(C) |

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