

Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2022-4176
Application: Application Subject to Protection of Proprietary Interests in Pesticide Data (PIIP) Policy – Equivalency/Data Compensation Assessment
Product: SHOO Garlic Mosquito Repellent-D
Registration Number: 35122
Active ingredient (a.i.): Garlic oil
PMRA Document Number : 3503157

Purpose of Application

The purpose of this application was to register SHOO Garlic Mosquito Repellent-D; a domestic class end-use product based on a registered precedent product.

Chemistry Assessment

SHOO Garlic Mosquito Repellent-D is formulated as a solution containing garlic oil at a concentration of 1.28%. This end-use product has a density of 0.996-1.046 g/mL and pH of 6.5-7.5. The required chemistry data for SHOO Garlic Mosquito Repellent-D have been provided, reviewed and found to be acceptable.

Health Assessments

SHOO Garlic Mosquito Repellent-D is of low acute toxicity by the oral and dermal routes, may be a skin and eye irritant, and is a possible dermal sensitizer.

Skin, eye, and inhalation exposure is possible when handling SHOO Garlic Mosquito Repellent-D. Dermal exposure is possible for individuals involved in recreational and non-recreational activities in treated areas. The current label statements for SHOO Garlic Mosquito Repellent-D are adequate to address the potential for exposure. Consequently, user, bystander, and residential exposure is not expected to result in health risks of concern when the product is used according to label directions.

A dietary exposure assessment was not required for this application.

Environmental Assessment

The environmental risks associated with the registered use of SHOO Garlic Mosquito Repellent-D are acceptable when used according to label directions. Environmental concerns have been mitigated through adequate statements on the product label.

Value Assessment

A comparison of the formulation of SHOO Garlic Mosquito Repellant-D to that of the precedent product determined that SHOO Garlic Mosquito Repellant-D is expected to perform comparably to the precedent product with respect to the registered claim for mosquitoes. The registration of SHOO Garlic Mosquito Repellant-D will provide an alternative product for domestic users to repel mosquitoes from outdoor areas.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to register SHOO Garlic Mosquito Repellant-D.

References

PMRA Document Number	Reference
3434032	2023, PART 3 Chemistry-SHOO Natural Garlic Mosquito Tick Repellant-COM-02feb2023, DACO: 3.1.1,3.1.2,3.1.3,3.1.4,3.2,3.2.1,3.2.2,3.2.3,3.3.1,3.4,3.4.1,3.4.2,3.5,3.5.1,3.5.10, 3.5.11,3.5.12, 3.5.13,3.5.14,3.5.15 CBI
3382247	2022, PART 5 Exposure-SHOO Natural Garlic Repellant-08august2022, DACO: 4.6.1,4.6.2,4.6.3,4.6.4,4.6.5,4.6.6

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