

Evaluation Report for Category B, Subcategory 2.5, 3.4 Application

Application Number: 2019-2070
Application: New End-use Product (Product Chemistry) - Formulation Type;
New Product Labels - Application Method
Product: TotalSTOP
Registration Number: 34335
Active ingredient (a.i.): Icaridin
PMRA Document Number: 3288875

Purpose of Application

The purpose of this application was to register a new domestic personal insect repellent product, based on a precedent product. TotalStop is a ready-to-use towelette for protection against mosquitoes, ticks and black flies.

Chemistry Assessment

TotalSTOP is formulated as an impregnated fabric, containing icaridin at a concentration of 1.1 g/towelette. The required chemistry data for TotalSTOP have been provided, reviewed and found to be acceptable.

Health Assessments

TotalSTOP is considered to be of low toxicity via the oral, dermal and inhalation routes of exposure. It is considered to be moderately irritating to the eye and non-irritating to the skin. It is not considered to be a potential dermal sensitizer.

The use of TotalSTOP as a personal insect repellent is not expected to result in potential residential or bystander exposure over the registered use of icaridin. No risks of concern are expected provided that individuals follow the label directions.

A dietary exposure assessment was not required for this application.

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

Claims for TotalSTOP, for protection against mosquitoes and ticks for 12 hours and protection from black flies for 10 hours, were supported based on extrapolation from a precedent product.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to register TotalSTOP for protection against mosquitoes, ticks and black flies.

References

PMRA

Document

Number	Reference
2993430	2019, Manufacturing process of TotalSTOP liquid and TotalSTOP wet wipes, DACO: 3.2.1,3.2.2 CBI
2993431	2019, Test Report [CBI Removed] - Phys/Chem Properties, DACO: 3.4.1,3.5.11,3.5.6,3.5.7,3.5.9 CBI
2993433	2019, Chemical and Physical Properties, DACO: 3.5.12,3.5.13, 3.5.14, 3.5.15,3.5.2,3.5.4,3.5.8 CBI
3205957	2021, Determination of physico-chemical Properties and Accelerated Storage Stability Tests for "TotalStop", DACO: 3.5.10,3.5.14 CBI
3275241	2021, Determination of physico-chemical Properties and Accelerated Storage Stability Tests for TotalSTOP, DACO: 3.5.10 CBI
3281858	2021, Determination of physico-chemical Properties and Accelerated Storage Stability Tests for TotalSTOP, DACO: 3.5.6 CBI
3209745	2021, Re-Validation of Method [CBI Removed] Determination of Icaridin in TotalSTOP", DACO: 3.4.1,3.5.10 CBI
3275240	2021, Study No.[CBI Removed] Re-Validation of Method [CBI Removed] Determination of Icaridin in TotalSTOP", DACO: 3.4.1 CBI
3281859	2021, Re-Validation of Method [CBI Removed] Determination of Icaridin in TotalSTOP", DACO: 3.7 CBI
3026491	2019, Study of dosing methods, DACO: 10.2.3.2
3039007	2019, Bridging Report - Comparison of release of active substance spray vs. wet wipe, DACO: 10.2.3.3

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