

Evaluation Report for Category B, Subcategory 2.3, 2.4 Application

Application Number: 2018-2162
Application: New End-use Product (Product Chemistry) - Identity of Formulants, Proportion of Formulants
Product: OFF! Deep Woods Insect Repellent 10
Registration Number: 33575
Active ingredient (a.i.): Icaridin
PMRA Document Number : 3013707

Purpose of Application

The purpose of this application was to register OFF! Deep Woods Insect Repellent 10, a personal insect repellent for protection from mosquitoes and ticks.

Chemistry Assessment

OFF! Deep Woods Insect Repellent 10 is formulated as a pressurized product containing icaridin at a concentration of 20.0%. This end-use product has a density of 0.85 g/mL and pH of 10.6. The required chemistry data for OFF! Deep Woods Insect Repellent 10 have been provided, reviewed and found to be acceptable.

Health Assessments

OFF! Deep Woods Insect Repellent 10 is considered to be of low acute toxicity via the oral, dermal and inhalation routes of exposure. It is moderately irritating to the eyes and is considered to be non-irritating to the skin. It is not considered to be a skin sensitizer.

The exposure and risk from the use of OFF! Deep Woods Insect Repellent 10 as a personal insect repellent was assessed. No risks of concern are expected from the new use, 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

For OFF! Deep Woods Insect Repellent 10, a claim of protection from mosquitoes for up to 7 hours and from ticks for up to 8 hours was supported based on extrapolation from registered claims through demonstrated efficacy equivalency to a registered product.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to register OFF! Deep Woods Insect Repellent 10.

References

PMRA Document Number	Reference
2888258	2008, Chemical and Physical Properties, DACO: 3.5 CBI
2888262	2018, Formulation Type, DACO: 3.5.4
2888263	2018, Container Material and Description, DACO: 3.5.5
2888269	2009, Storage Stability Data_CBI Reference Document, DACO: 3.5.10 CBI
3006856	2009, Enforcement Analytical Method (Corrected)_2019-06-19_CBI Reference Document, DACO: 3.4.1 CBI
3006857	2008, Chemical and Physical Properties-Supplemental Information (GLP Archival Record Info), DACO: 3.5 CBI
2930680	2018, DACO 10.2_Bridging Rationale_CBI Removed, DACO: 10.2
2930681	2018, DACO 10.2_Bridging Rationale_CBI Reference Document, DACO: 10.2 CBI
1512658	1997, Efficacy of six formulations of KBR 3023 in comparison to Deet on human arms against the malaria mosquito <i>Anopheles stephensi</i> , DACO: 10.2.3.3
2888277	1997, Acute Oral Toxicity_CBI Removed, DACO: 4.6.1
2888279	1996, Acute Dermal Toxicity_CBI Removed, DACO: 4.6.2
2888281	1999, Acute Inhalation Toxicity_CBI Removed, DACO: 4.6.3
2888283	2008, Primary Eye Irritation_CBI Removed, DACO: 4.6.4
2888285	1997, Primary Skin Irritation_CBI Removed, DACO: 4.6.5
2888287	1997, Skin Sensitization_CBI Removed, DACO: 4.6.6

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