



New Pest Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2020-1540
Application: New or Changes to Product Labels-New Pest
Product: Mosi-guard Oil of Lemon Eucalyptus Insect Repellent
Registration Number: 30822
Active ingredients (a.i.): Oil of lemon eucalyptus, hydrated, cyclized, 30.0%
PMRA Document Number: 3159512

Background

Mosi-guard Oil of Lemon Eucalyptus Insect Repellent is a product containing oil of lemon eucalyptus (hydrated, cyclized) at 30.0% w/w as the active ingredient and is registered to repel mosquitoes for 4 to 6 hours when applied sparingly and not under clothing. For specific details of uses, application rates, methods, precautions, and restrictions refer to the product label.

Purpose of Application

The purpose of this application is to add a tick repellent claim when Mosi-guard Oil of Lemon Eucalyptus Insect Repellent is applied sparingly, not under clothing and only when necessary. The product should be dispensed into the hands and applied over all exposed skin, avoiding contact with the eyes and the mouth. Re-applications may be made after approximately 6 hours if necessary.

Chemistry Assessment

A chemistry assessment was not required because there was no change to product chemistry.

Health and Environmental Assessments

Health and environmental assessments were not required because the use pattern, including application rate and application method, of the component product remained unchanged.

Value Assessment

The applicant submitted the report of a laboratory study to support the addition of a tick repellent claim to the label of Mosi-guard Oil of Lemon Eucalyptus Insect Repellent. The laboratory study tested the efficacy of the product with human subjects on blacklegged ticks, lone star ticks and brown dog ticks to support a general tick claim.

Based on the results of the submitted laboratory study, Mosi-guard Oil of Lemon Eucalyptus Insect Repellent can be expected to repel ticks for up to 5 hours when applied as directed. The addition of this claim will provide a new product for users to repel ticks.

Conclusion

The PMRA has completed an assessment of the subject application and has concluded that the submitted value information is adequate to support the following claim for Mosi-guard Oil of Lemon Eucalyptus Insect Repellent:

When applied sparingly and not under clothing, ticks will be repelled for up to 5 hours.

References

PMRA No.	Title
3114439	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 10, DACO: 10.2.3,10.2.3.2
3114440	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 11, DACO: 10.2.3,10.2.3.2
3114442	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 12, DACO: 10.2.3,10.2.3.2
3114443	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 13, DACO: 10.2.3,10.2.3.2
3114445	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 14, DACO: 10.2.3,10.2.3.2
3114446	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 15, DACO: 10.2.3,10.2.3.2
3114448	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 16, DACO: 10.2.3,10.2.3.2
3114449	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 17, DACO: 10.2.3,10.2.3.2
3114451	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 18, DACO: 10.2.3,10.2.3.2
3114452	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 19, DACO: 10.2.3,10.2.3.2
3114455	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 20, DACO: 10.2.3,10.2.3.2
3114456	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 21, DACO: 10.2.3,10.2.3.2
3114458	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 22, DACO: 10.2.3,10.2.3.2
3114459	2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 23, DACO: 10.2.3,10.2.3.2

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 24, DACO: 10.2.3,10.2.3.2

3114460

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 25, DACO: 10.2.3,10.2.3.2

3114461

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 26, DACO: 10.2.3,10.2.3.2

3114462

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 27, DACO: 10.2.3,10.2.3.2

3114463

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 28, DACO: 10.2.3,10.2.3.2

3114464

3115360 2020, Robust Study Summary - Jones, DACO: 10.2.3.1

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 1, DACO: 10.2.3,10.2.3.2

3115371

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 2, DACO: 10.2.3,10.2.3.2

3115372

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 3, DACO: 10.2.3,10.2.3.2

3115373

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 4, DACO: 10.2.3,10.2.3.2

3115374

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 5, DACO: 10.2.3,10.2.3.2

3115375

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 6, DACO: 10.2.3,10.2.3.2

3115376

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 7, DACO: 10.2.3,10.2.3.2

3115377

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 8, DACO: 10.2.3,10.2.3.2

3115378

2020, A single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citriodiol (Oil of Lemon Eucalyptus) against three species of ticks, Volume 9, DACO: 10.2.3,10.2.3.2

3115379

3126274 2020, Adverse Effects_DACOS 10.3.1 and 10.3.2, DACO: 10.3,10.3.1,10.3.2

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