

Evaluation Report for Category C, Subcategory 3.1 Application

Application Number: 2006-7483
Application: Category C, Subcategory 3.1 (Changes to Product Label-Application Rate Decrease)
Product: OFF! Deep Woods for Sportsmen 1 Insect Repellent
Registration Number: 23487
Active ingredients (a.i.): 30.34% N,N-Diethyl-m-Toluides (DTU)
PMRA Document Number: 1395885

Background

OFF! Deep Woods for Sportsmen 1 Insect Repellent is registered for use on human skin and clothing to repel mosquitoes, black flies, deer flies and ticks. The product is registered for 6 hours of complete protection time (CPT), defined as the time from application of the repellent to the first confirmed bite.

Purpose of Application

The purpose of this application is to amend the OFF! Deep Woods for Sportsmen 1 Insect Repellent label to increase the CPT from 6 hours to 8 hours.

Chemistry, Health and Environmental Assessment

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since the use pattern, application rates of the component product remained unchanged.

Value Assessment

The applicant submitted two field trials for review which tested the percent repellency and protection time of three pressurized spray insect repellents. The trials demonstrated that the tested pressurized spray products containing ca. 25% DEET were effective in repelling mosquitoes for up to 8 hours. Since the test products are similar in formulation to the proposed pressurized spray product, OFF! Deep Woods for Sportsmen 1 Insect Repellent, an 8 hour CPT claim can be supported

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information adequate to support the label changes for OFF! Deep Woods for Sportsmen 1 Insect Repellent.

References

PMRA 1380406 Field Evaluation of Two DEET-Based Repellent Formulations Against Mosquitoes in Prince Edward Island, Canada. Study No. 2006-01, 8 pages. September 2006. DACO 10.2.3.3

PMRA 1327493 Determining Repellency of OFF! 4822167 Against Mosquitoes (Culicidae) in the field. 62 pages. April 1, 2003. DACO 10.2.3.3

Re-evaluation Decision Document RRD2002-01. Personal insect repellents containing DEET (N,N-diethyl-m-toluamide and related compounds). Pest Management Regulatory Agency. April 15, 2002.

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