

Evaluation Report for Category B, Subcategory 2.3, 2.4 Application

Application Number: 2008-6099
Application: B.2.3 New/Changes to the product chemistry – identity of the
formulants
B.2.4 New/Changes to the product chemistry – proportion of
formulants
Product: OFF! Area Bug Spray (Yard&Deck) Pressurized Spray
Registration Number: 25181
Active ingredients (a.i.): Tetramethrin (NEO), piperonyl butoxide (PBU), and pyrethrins
(PYR) / Insecticide
PMRA Document Number : 1812147

Purpose of Application

S.C. Johnson and Son Ltd. has submitted an application to add two new alternate formulations for the end-use product OFF! Area Bug (Yard & Deck) Pressurized Spray (Reg. No. 25181).

Chemistry Assessment

Off! Area Bug Spray (Yard & Deck) is formulated as a pressurized product containing pyrethrins at a nominal concentration of 0.176%, piperonyl butoxide at a nominal concentration of 0.97%, and tetramethrin at a nominal concentration of 0.081%. This end-use product has a density of 0.80 g/mL. The chemistry requirements for Off! Area Bug Spray (Yard & Deck) are complete.

Health Assessments

The proposed alternate formulations are similar to the existing registered formulations and no change in the acute toxicity profile for this product is anticipated.

The exposure during application and post-application is not expected to increase as the amount of each active ingredient, pyrethrins (PYR), piperonyl butoxide (PBU), tetramethrin (NEO), remains consistent between the new formulations and the currently registered formulations.

Environmental Assessment

Environmental concerns associated with OFF! Area Bug Spray (Yard & Deck) Pressurized Spray are limited to the product's disposal. These concerns are properly addressed on the label.

Value Assessment

The alternate formulations are acceptable based on the submitted efficacy data

Conclusion

The Agency has completed an assessment of the subject application and has found the information sufficient to add two new alternate formulations for the end-use product OFF! Area Bug Spray (Yard & Deck) Pressurized Spray.

References

PMRA No.	Title
1693294	DACO: 3.1.1
1693295	DACO: 3.1.2
1693296	DACO: 3.2.1 CBI
1693297	DACO: 3.3.1 CBI
1693298	DACO: 3.3.2 CBI
1693299	DACO: 3.4.1 CBI
1693300	Request for waiver - chemical and physical properties, DACO: 3.5
1693301	DACO: 3.5 CBI
1779136	Formulation process, DACO: 3.2.2 CBI
1779137	Impurities, DACO: 3.2.3
1779138	Analytical Method, DACO: 3.4.1 CBI
1779139	Chemical/physical properties table, DACO: 3.5
1779140	Storage Stability, DACO: 3.5.10
1779141	Corrosion, DACO: 3.5.14
1792542	Physical State, DACO: 3.5.2

PMRA # 1693286

To determine the efficacy of the submitted samples against houseflies and mosquitoes using the Peet Grady Chamber Test, and 20-ft. Direct Spray Knockdown., DACO: 10.2.3.2 (D)

PMRA # 1693289

To determine the efficacy of the submitted samples against houseflies and mosquitoes using the Peet Grady Chamber Test, and 20-ft. Direct Spray Knockdown., DACO: 10.2.3.2 (D)

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