

Evaluation Report for Category B, Subcategory B.2.1, B.2.3, B.2.4 Application

Application Number: 2013-1108
Application: Changes to End-Use Product Chemistry and Product Formulation
Product: Ditrac All-Weather Blox Kills Rats And Mice
Registration Number: 22134
Active ingredients (a.i.): Diphacinone
PMRA Document Number: 2383249

Purpose of Application

The purpose of this application was to amend the formulation for Ditrac All-Weather Blox Kills Rats and Mice (Registration Number 22134) by replacing the source of active ingredient (Diphacinone Concentrate, Registration Number 19845) with another registered source (Technical Diphacinone, Registration Number 19847), and also to make amendments to the rest of the formulation. The percent active ingredient remains the same in the new product formulation.

Chemistry Assessment

Ditrac All-Weather Blox Kills Rats And Mice is formulated as a solid containing diphacinone at a minimum concentration of 0.005%. This end-use product has a density of 1.11 g/mL. The chemistry requirements for this product have been fulfilled.

Health Assessments

The proposed formulation changes for Ditrac All-Weather Blox Kills Rats and Mice are not expected to alter the acute toxicological profile of the product.

Exposures to diphacinone are adequately addressed through qualitative assessments for applicators and potential post-application contact with Ditrac All-Weather Blox Kills Rats and Mice. Considering the product formulation, label precautions, and personal protective equipment, workers are considered to be adequately protected when following label instructions. In addition, the product must be used in bait stations, and label statements restrict treating areas accessible to children, and pets. Therefore, exposures to homeowners, including children, are not considered to be of concern.

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

The formulation change of Ditrac All-Weather Blox Kills Rats And Mice was accepted from a value perspective.

Conclusion

The formulation change of Ditrac All-Weather Blox Kills Rats And Mice was accepted.

References

PMRA

Document

Number	Reference
2274749	2007, Product Chemistry, DACO: 3.0 CBI
2352495	2008, Storage Stability and Corrosion Characteristics of Diphacinone Blocks, DACO: 3.5.10
2352496	2008, Storage Stability and Corrosion Characteristics of Diphacinone Blocks, DACO: 3.5.14
2379386	2013 Diphacinone Blocks Validation Report, Sub. No. 2013-1108, DACO: 3.4.1
2274750	2007, Efficacy Trial on Rats BE553 DACO 10.2.3
2274751	2007, Efficacy Trial on Rat BE554 DACO 10.2.3
2274752	2007, Efficacy Trial on Mice BE562 DACO 10.2.3
2274753	2007, Efficacy Trial on Mice BE555 DACO 10.2.3
2274754	2007, Efficacy Trail on Rat Weatherized BE559 DACO 10.2.3
2274755	2007, Efficacy Trial on Rats Weatherized BE558 DACO 10.2.3
2274756	2007, Efficacy Trial on Mice Weatherized BE560 DACO 10.2.3
2274757	2007, Efficacy Trial on Mice Weatherized BE561 DACO 10.2.3
2286010	Use Description or Scenario DACO 5.2

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