

Evaluation Report for Category B, Subcategory 2.1, 3.12 and 3.4 Application

Application Number: 2015-6734
Application: B.2.1
B.3.12
Product: Family Matters Brand Refillable Liquid Ant Bait Station Refill
Registration Number: 32761
Active ingredients (a.i.): Spinosad
PMRA Document Number: 2773136

Purpose of Application

The purpose of this application was to register the end use product Family Matters Brand Refillable Liquid Ant Bait Station Refill to kill ants and ant colonies, including carpenter ants.

Chemistry Assessment

Family Matters Brand Refillable Liquid Ant Bait Station Refill is formulated as a solution containing spinosad at a nominal concentration of 0.015%. This end-use product has a density of 1.108-1.14 g/mL and pH of 4.25. The required chemistry data for Family Matters Brand Refillable Liquid Ant Bait Station Refill have been provided, reviewed and found to be acceptable.

Health Assessments

Family Matters Brand Refillable Liquid Ant Bait Station Refill is of low acute toxicity to rats via the oral and dermal routes of exposure. It is not expected to pose an acute inhalation hazard. It is non-irritating to the eyes and skin of rabbits and is not considered to be a potential skin sensitizer in guinea pigs according to the Maximization method.

Exposures to spinosad residues of homeowners filling and refilling ant bait stations and conducting post-application clean-up are not expected to result in exposures greater than those from handling currently registered domestic products that contain spinosad.

Environmental Assessment

No increase in environmental exposure is expected from the use of this product compared to registered uses of other spinosad products. Environmental concerns have been mitigated through adequate statements on the product label.

Value Assessment

Trials (20 laboratory and two field) on eight genera of ant supported Family Matters Brand Refillable Liquid Ant Bait Station Refill to kill ants and ant colonies, including carpenter ants. The product is for use in and around residences.

Conclusion

The PMRA has reviewed the information provided to support Family Matters Brand Refillable Liquid Ant Bait Station Refill. Based on the results of that review, Family Matters Brand Refillable Liquid Ant Bait Station Refill is acceptable for registration.

References

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