

Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4, 3.12, 3.14 and 3.4 Application

Application Number: 2015-6721
Application: B.2.1 - Change in Guarantee
B.2.3 - Change in Identity of Formulants
B.2.4 - Change in Proportion of Formulants
B.3.12 - New Site or Host
B.3.14 - New Classifications
B.3.4 - New Application Method
Product: Scorpio PCO Liquid Ant Bait
Registration Number: 32759
Active ingredients (a.i.): Spinosad
PMRA Document Number : 2609498

Purpose of Application

The purpose of this application was to register a new end use product, Scorpio PCO Liquid Ant Bait, containing the active ingredient spinosad. The product is used to kill ants and ant colonies, including carpenter ants, indoors and outdoors.

Chemistry Assessment

Scorpio PCO Liquid Ant Bait 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 Scorpio PCO Liquid Ant Bait have been provided, reviewed and found to be acceptable.

Health Assessments

Scorpio PCO Liquid Ant Bait 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 workers filling and refilling ant bait stations and open bait placements, and conducting post-application clean-up are not expected to result in exposures greater than exposures from handling currently registered commercial products containing 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 Scorpio PCO Liquid Ant Bait to kill ants and ant colonies, including carpenter ants. The product is for use in and around buildings, and outdoors in ornamental landscaped areas, areas for food or feed crops, turf and fallow lands.

Conclusion

The PMRA has reviewed the information provided in support of Scorpio PCO Liquid Ant Bait. Based on the results of this review, Scorpio PCO Liquid Ant Bait is acceptable for registration.

References

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