

Evaluation Report for Category B, Subcategory 2.6, 3.1 and 3.11 Application

Application Number: 2014-3969
Application: New product chemistry: New combination of technical grade active ingredients, change in application rate, new pests
Product: QuickBayt Granular Fly Bait
Registration Number: 32234
Active ingredients (a.i.): Imidacloprid and Muscalure
PMRA Document Number : 2574307

Purpose of Application

The purpose of this application was to register a new end-use product, QuickBayt Granular Fly Bait (guarantee: 0.5% imidacloprid and 0.09% muscalure) to control flies inside livestock facilities.

Chemistry Assessment

QuickBayt Granular Fly Bait is formulated as a granular product containing two active ingredients imidacloprid at a nominal concentration of 0.5% and muscalure at a nominal concentration of 0.09%. The end-use product has a density of 0.644 g/cm³ at 20°C and pH of 7.38 (10% w/v solution). The required chemistry data for QuickBayt Granular Fly Bait has been provided, reviewed and found to be acceptable.

Health Assessments

QuickBayt Granular Fly Bait is of low acute toxicity by the oral and dermal routes, is minimally irritating to the eyes and non-irritating to the skin, and is not a dermal sensitizer. The acute hazard posed by the product via the inhalation route is also considered low.

The occupational exposure and risk from the use of Quickbayt Granular Fly Bait was assessed. No risks of concern are expected from the use of Quickbayt Granular Fly Bait, provided the workers follow the label directions and wear the personal protective equipment identified on the label.

Environmental Assessment

Potential environmental hazards from the use of Quick Bayt Granular Fly Bait at the maximum rate of 200g of product per 100 m² will be mitigated through appropriate label statements. Therefore, the potential risks from the use of Quick Bayt Granular Fly Bait will be acceptable when label directions are followed.

Value Assessment

Efficacy data from 12 studies demonstrated that QuickBayt Granular Fly Bait attracts and kills house flies when applied as bait at a rate of 200 grams product/100 m² by either broadcast application or within bait stations. This product should be used in conjunction with other pest management practices, such as sanitation and exclusion techniques, to prevent house flies from entering buildings.

Conclusion

The PMRA has completed a review of all available information in support of QuickBayt Granular Fly Bait and found it sufficient to support full registration.

References

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