Health Canada Santé Canada

Evaluation Report for Category B, Subcategory B.2.1, B.2.3, B.2.4, B.2.6, B.3.1, B.3.4, B.3.12 Application

Application Number: 2015-2699
Application: New End-use Product Chemistry – Guarantee; Identity and Proportion of Formulants; New combination of TGIAs; New Product Labels - Application Rate Increase; Application Method; New Site or Host
Product: MaxForce Fly Spot Bait
Registration Number: NA
Active ingredients (a.i.): Imidacloprid and Muscalure
PMRA Document Number: 2674882

Purpose of Application

The purpose of this application was to register a new commercial class end-use product, MaxForce Fly Spot Bait, to control houseflies when applied as a spray in commercial structures or in enclosed and protected areas.

Chemistry Assessment

Maxforce Fly Spot Bait is formulated as a granule containing two active ingredients, imidacloprid at a nominal concentration of 10% and muscalure at a nominal concentration of 0.1%. This end-use product has a density of 0.69-0.74 g/cm^3 and pH of 4.5-6.5 (1%). The required chemistry data for Maxforce Fly Spot Bait have been provided, reviewed, and found to be acceptable.

Health Assessments

MaxForce Fly Spot Bait is of low toxicity via the oral, dermal, and inhalation routes, minimally irritating to the eyes, non-irritating to the skin, and is not a dermal sensitizer.

The occupational and residential risks from exposure to the MaxForce Fly Spot Bait were assessed. No risks of concern to mixer/loader/applicators and postapplication re-entry workers are expected provided that applicators follow the label directions and wear the personal protective equipment identified on the label. However, risks of concern to toddlers were identified when applied in residential settings. Therefore, MaxForce Fly Spot Bait is restricted for use in commercial buildings only.

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Environmental Assessment

Potential environmental hazards from the use of Maxforce Fly Spot Bait at the maximum rate of 500 g of product per 100 m^2 of floor space will be mitigated through appropriate label statements. Therefore, the potential risks from the use of Maxforce Fly Spot Bait will be acceptable when label directions are followed.

Value Assessment

Value information consisting of efficacy data from three laboratory trials and 22 operational field trials demonstrated that MaxForce Fly Spot Bait controls houseflies for up to four weeks when applied according to the directions for use. MaxForce Fly Spot Bait is to be used with other pest control methods such as proper sanitation practices.

Conclusion

The Pest Managament Regulatory Agency has completed an assessment of the information provided and has found the information sufficient to support the registration of the new commercial class end-use product, MaxForce Fly Spot Bait, to control houseflies in commercial buildings.

References

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