

Evaluation Report for Category B, Subcategory 7.0 Application

Application Number: 2021-5720
Application: Reinstatement of Registered Product
Product: Terro Ant Killer
Registration Number: 30891
Active ingredient (a.i.): Borax
PMRA Document Number: 3410922

Background

As per RVD2016-01 *Boric Acid and its Salts (Boron)*, the registrations of all domestic class dust and granular formulations of boric acid and its salts, as well as solutions which are not enclosed in bait stations, were cancelled due to unacceptable residential health risk from high exposure levels. The registration of Terro Ant Killer was cancelled at that time.

Purpose of Application

The purpose of this application was to reinstate the registration of Terro Ant Killer, a domestic-class product containing borax, for control of ants in indoor and outdoor locations by addressing the health risks identified in RVD2016-01.

Chemistry Assessment

Terro Ant Killer is formulated as a solution containing borax at a concentration of 5.4%. This end-use product has a density of 1.3 g/mL and pH of 7.75. The required chemistry data for Terro Ant Killer have been provided, reviewed and found to be acceptable.

Health Assessments

Based on the acute toxicity profile of technical borax, the product Terro Ant Killer is considered to be of low acute toxicity via the oral and dermal routes of exposure. The inhalation hazard is expected to be negligible. The product is considered to be mildly irritating to the eyes and non-irritating to the skin, and is considered to be a potential dermal sensitizer.

The use of Terro Ant Killer to control ants in indoor and outdoor residential areas using spot or crack and crevice application is not expected to result in potential occupational or bystander exposure over the registered use of boric acid and its salts, including borax. No risks of concern are expected, provided all label directions are adhered to, including the product being inaccessible to children and pets.

A dietary risk assessment was not required for this application.

Environmental Assessment

The use pattern for Terro Ant Killer is within the registered use pattern of the active ingredient borax, therefore, no additional risk is expected from the use of Terro Ant Killer. The label includes the required directions for use information which adequately mitigate risks to the environment. Risk from use of Terro Ant Killer is acceptable from the environmental perspective when used according to label directions.

Value Assessment

The reinstatement of registration for Terro Ant Killer is supported based on extrapolation from previously registered uses of the same product for the destruction of ant colonies.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to support the reinstatement of the registration of Terro Ant Killer as the health risks identified in RVD2016-01 have been addressed with appropriate label amendments.

References

None

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