

Evaluation Report for Category B, Subcategory 2.3, 2.4 Application

Application Number: 2015-7113
Application: Changes to the End-Use Product Chemistry – Identify and Proportion of Formulants
Product: ALTRISSET Termiticide
Registration Number: 30862
Active ingredients (a.i.): Chlorantraniliprole
PMRA Document Number: 2714622

Purpose of Application

The purpose of this application was to add another formulation to the product ALTRISSET Termiticide.

Chemistry Assessment

ALTRISSET Termiticide is formulated as a suspension concentrate containing chlorantraniliprole at a nominal concentration of 200 g/L. This end-use product has a density of 1.093 g/mL and pH of 7.3. The required chemistry data for ALTRISSET Termiticide have been provided, reviewed and found to be acceptable.

Health Assessments

ALTRISSET Termiticide was of low acute toxicity via the oral, dermal, and inhalation routes of exposure. It was non-irritating to the skin and eyes, and was not a skin sensitizer when tested in the local lymph node assay.

A revised human health risk evaluation for ALTRISSET Termiticide was not required. Risks are not of concern for mixer/loaders, applicators or post-application re-entry workers when the product is used according to label directions.

A dietary exposure assessment was not required for this application.

Environmental Assessment

The additional formulation of ALTRISSET Termiticide has been shown to contain low levels of contaminants which have been identified in the federal government's Toxic Substances Management Policy (TSMP, 1995) as Track 1 substances; however, the use of the formulation is not expected to result in an increase in the release of Track-1 contaminants.

Value Assessment

In support of value of the additional formulation for ALTRISSET Termiticide, a scientific rationale and two laboratory product equivalency bridging trials were submitted. These trials demonstrated that there was no difference in product performance between formulations for ALTRISSET Termiticide. Therefore, the additional formulation is supported from a value perspective.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the available information and can support the addition of another formulation for ALTRISSET Termiticide.

References

PMRA Document Number	References
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2595847	2015, Starting Materials and Certification of Limits, DACO: 3.2.1,3.3.1 CBI
2595849	2015, Description of Formulation Process, DACO: 3.2.2 CBI
2595850	2014, Analytical Method SF-753/1, DACO: 3.4.1 CBI
2595851	2015, Chemical and Physical Properties, DACO: 3.5,3.5.1,3.5.10,3.5.11,3.5.12,3.5.13,3.5.14,3.5.15,3.5.2,3.5.3,3.5.4,3.5.5,3.5.6,3.5.7,3.5.8,3.5.9 CBI
2692241	2016, Rationale for Updated SPSF, DACO: 3.3.2 CBI
2595852	2015, Summary - Toxicology Profile, DACO: 4.1
2595853	2015, Chlorantraniliprole SC (A16130J) - Acute Oral Toxicity Study in the Rat (Up and Down Procedure), DACO: 4.6.1
2595854	2015, Chlorantraniliprole SC (A16130J) - Acute Dermal Toxicity Study in Rats, DACO: 4.6.2
2595855	2015, Chlorantraniliprole SC (A16130J) Acute Inhalation Toxicity Study (Nose-Only) in the Rat - Final Report Amendment 2, DACO: 4.6.3
2595856	2015, Chlorantraniliprole SC (A16130J) - Acute Eye Irritation Study in Rabbits, DACO: 4.6.4
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2595691	2014, Altriset: Laboratory efficacy test of reformulated product - Coptotermes, DACO: 10.2.3.3
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