

Evaluation Report for Category B, Subcategory 2.4 Application

Application Number: 2009-3134
Application: B.2.4 New/Changes EP or MA Product Chemistry-Proportion of Formulants
Product: Lannate Toss-N-Go Insecticide
Registration Number: 10868
Active ingredients (a.i.): Methomyl (MML)
PMRA Document Number English PDF: 2013807

Purpose of Application

The purpose of this application was to amend the product specifications for Lannate Toss-N-Go Insecticide (Registration number 10868; guarantee of 90% methomyl) to reflect a new % w/w of the active (methomyl) and one formulant due to the addition of a new source of the technical grade active ingredient methomyl.

Chemistry Assessment

Lannate Toss-N-Go Insecticide is formulated as a solution containing methomyl at a nominal concentration of 90.0%. This end-use product has a density of 0.59 to 0.69 g/cm³. The chemistry requirements for Lannate Toss-N-Go Insecticide are complete.

Health Assessments

The amendments to the product specifications of Lannate Toss-N-Go Insecticide do not affect the toxicological profile of this product.

No new food residue data were required. A review of the label and specification form was conducted in the context of this application. Since the use pattern of Lannate Toss-N-Go Insecticide remains the same, no changes in the magnitude of the residues in food and feed crops are expected. No increase in dietary exposure is anticipated. Residues of methomyl will continue to be covered under the established Canadian MRLs.

A human health exposure review was completed for Lannate Toss-N-Go Insecticide because of a change in the purity of the active ingredient methomyl and a change in the percent w/w of a formulant. These formulation modifications do not represent a change in exposure from the currently registered end-use product as the guarantee and the current use pattern remain unaltered.

Environmental Assessment

No environmental concerns were identified with the changes to the formulation of Lannate Toss-N-Go Insecticide.

Value Assessment

The changes to the formulation of Lannate Toss-N-Go Insecticide are not expected to negatively effect the efficacy or crop safety of the product.

Conclusion

The PMRA has completed an assessment of available information for Lannate Toss-N-Go Insecticide and has found the information sufficient to support the changes in the formulation of Lannate Toss-N-Go Insecticide.

References

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| 1862649 | 2010, Part 3 – End-Use Product Chemistry, DACO: 3.1.1, 3.1.2, 3.3.1, 3.5.11, 3.5.12, 3.5.13, 3.5.14, 3.5.15, 3.5.8, 3.5.9 |
| 1862650 | 2010, Part 10 - End-Use Product Chemistry, DACO: 10.2.3.1, 10.2.3.2, 10.2.3.3, 10.2.3.4, 10.3.1, 10.3.2 |

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