

Evaluation Report for Category B, Subcategory 2.1, 2.3 & 2.4 Application

Application Number: 2008-3573
Application: New / Changes EP Product Chemistry - Guarantee, Identity of Formulants, and Proportion of Formulants
Product: Sure-Mix Surfactant
Registration Number: 25467
Active ingredients (a.i.): Paraffinic Petroleum Oil (PBP), Surfactant Blend (XXX)
PMRA Document Number : 1864527

Purpose of Application

The purpose of this application was to amend the formulation of Sure-Mix Surfactant to increase the guarantee of the surfactant blend in the formulation.

Chemistry Assessment

Sure-Mix Surfactant is a liquid containing the surfactant blend at a nominal concentration of 40 % and paraffinic petroleum oil at a nominal concentration of 60 %. This product has a specific gravity of 0.9 at 25°C and pH of 5.7. The chemistry requirements for Sure-Mix Surfactant have been completed.

Health Assessments

The toxicology profile is not expected to be significantly different as a result of the amended formulation, and therefore, no toxicological data were required.

Unacceptable risks for workers and bystanders are not expected with the use of Sure-Mix Surfactant when workers follow label directions and wear personal protective equipment as indicated on the label.

The amendments to the formulation of Sure-Mix Surfactant will not impact the magnitude of the residues when Sure-Mix Surfactant is applied with the herbicides Assure II Herbicide (Registration No. 25462; 96 g/L quizalofop P-ethyl), Muster Herbicide (Registration No. 21555; 75% ethametsulfuron methyl), Muster Toss-N-Go Herbicide (Registration No. 23569; 75% ethametsulfuron-methyl) or Refine Extra 75 DF Herbicide (Registration No. 22352; 50% thifensulfuron methyl and 25% tribenuron methyl). As such, exposure to residues for all population subgroups should not increase.

Environmental Assessment

Given that the amended formulation of Sure-Mix surfactant does not have any significant changes in the proportions of the registered formulants and components of the surfactant blend, and since there are no environmental concerns related to these formulants and components, no further environmental data or review is required.

Value Assessment

A rationale to request a waiver for efficacy and crop tolerance data was submitted for review. It was concluded that efficacy and crop safety would not be compromised with the change in guarantee, the conversion from minimal to nominal and the addition of an alternate source of paraffinic petroleum oil.

Conclusion

The PMRA has conducted a review of the available information for this application and has determined that the formulation amendment is acceptable.

References

List of Studies/Information Submitted by Registrant

1823643 2009, DACO: 0.8,10.1,3.0,5.2 CBI

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