

Evaluation Report for Category B, Subcategory B.3.10 Application (New or Changes to Product Label – Tank Mixes)

Application Number: 2020-3056
Application: Category B.3.10 (New or changes to product label – Tank mixes)
Product: Destinaire High Surfactant Oil Concentrate
Registration Number: 33770
Active ingredients (a.i.): 50% methylated seed oil of soybean
PMRA Document Number: 3184209

Background

Destinaire High Surfactant Oil Concentrate is registered for application at 0.5% v/v with Assure II Herbicide, Adama Ladder 240 EC, and several herbicides containing the active ingredient clethodim. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to amend the registration of Destinaire High Surfactant Oil Concentrate to include the following herbicides as tank mix partners:

- Quizalofop P-ethyl containing products: Marshall EC, Yuma GL Liquid EC, and Leopard Herbicide EC applied at 0.5% v/v.
- Clodinafop-propargyl containing products: Cadillac Herbicide, Horizon NG, Signal Herbicide EC, and Slam'R Herbicide EC applied at the rate of 0.5% v/v.
- Pinoxaden containing products: Crestivo Herbicide, Epic Herbicide, and Brazen II Herbicide applied at 0.5-0.7 L/ha.
- Davai 80SL Herbicide (imazamox) applied at 0.5% v/v.

Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

Value Assessment

Value information submitted for review included precedent registrations, scientific rationales, and data from field trials that were conducted in fallow land and spring wheat and barley in the US and Canada in 2019. This information supported the inclusion of Marshall EC, Yuma GL Liquid EC, and Leopard Herbicide EC as tank mix partners on the Destinaire High Surfactant Oil Concentrate label when applied at 0.5% v/v.

The availability of Destinaire High Surfactant Oil Concentrate for application with Marshall EC, Yuma GL Liquid EC, and Leopard Herbicide EC would provide an additional adjuvant option to applicators of these products.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the requested amendment to the registration of Destinaire High Surfactant Oil Concentrate to include Marshall EC, Yuma GL Liquid EC, and Leopard Herbicide EC with which Destinaire High Surfactant Oil Concentrate may be included in the spray solution at 0.5% v/v.

References

List of Studies/Information Submitted by Registrant

PMRA # 3137524 2020, Value summary for Destinaire TM, DACO: 10.1

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