

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2023-0782
Application: Changes to Product Labels – Tank Mixes
Product: Destinaire High Surfactant Oil Concentrate
Registration Number: 33770
Active ingredient (a.i.): Methylated Seed Oil of Soybean
PMRA Document Number: 3574209

Purpose of Application

The purpose of this application was to add new tank mix options to the label of Destinaire High Surfactant Oil Concentrate.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The use pattern of the adjuvant, Destinaire High Surfactant Oil Concentrate (HSOC), in tank-mix with the proposed herbicide end-use products is the same as the registered use patterns in tank-mix with specified herbicide end-use products. Since it is to be used with labeled herbicides, the use pattern of the adjuvant is dependent on the registered use patterns of the subject products that it is combined with. No health risks of concern are expected from the new uses, provided workers follow the label directions and wear the personal protective equipment identified on the label.

No new residue data were required or submitted to support the amendments to the registered label of Destinaire HSOC (containing 50% w/w methylated seed oil of soybean) to include additional quizalofop-p-ethyl- and pinoxaden-containing end-use products as tank-mix partners. Destinaire HSOC is currently registered for use with various quizalofop-p-ethyl- and pinoxaden-containing end-use products and the rate of Destinaire HSOC with the new end-use products is the same as the registered rate, and as such, does not represent an expansion of use. Therefore, when used together with the supported end-use products, no change in the magnitude of residues of the active ingredients is expected in animal and food commodities. Therefore, dietary exposure to the quizalofop-p-ethyl and pinoxaden is not expected to increase, and will not pose an unacceptable risk to any segment of the populations, including infants, children, adults and seniors.

A toxicology assessment was not required for this application.

Environmental Assessment

The addition of tank mix options to the Destinaire HSOC label is acceptable from an environmental perspective.

Value Assessment

The provision of an alternative adjuvant option allows users greater flexibility to tailor the use of Agrogill Quizalofop-p-Ethyl Herbicide, Idol Herbicide, Agrogill Pinoxaden 100EC Herbicide, Crestivo Herbicide, Epic Herbicide, and Epic II Herbicide, according to their specific adjuvant preferences and availability.

A rationale and existing herbicide registrations demonstrated that Destinaire HSOC applied at 0.5% v/v has value when applied in tank mix with Agrogill Quizalofop-p-Ethyl Herbicide, Idol Herbicide, Agrogill Pinoxaden 100EC Herbicide, Crestivo Herbicide, Epic Herbicide, and Epic II Herbicide for labelled uses.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the new tank mix options added to the label of Destinaire High Surfactant Oil Concentrate.

References

PMRA

Document Number

Reference

3439941	2023, Value Summary for Destinaire High Surfactant Oil Concentrate, DACO: 10.1,10.2,10.2.1,10.2.2,10.3.3,10.4,10.5,10.5.1,10.5.2,10.5.3,10.5.4, 10.5.5.
3444610	2022, 21-A-B-CANML-COMP-1.1, DACO: 10.2.3.3,10.3.2.
3444611	2022, 21-A-B-CANML-PINO-COMP-1.3, DACO: 10.2.3.3,10.3.2.
3444612	2022, 21-A-B-CANML-PINO-COMP-1.5, DACO: 10.2.3.3,10.3.2.
3444613	2022, 22-A-B-CANCG15W-PINO-COMP-1.1INT, DACO: 10.2.3.3,10.3.2.
3444614	2022, 22-A-B-CANCG15W-PINO-COMP-1.2CW, DACO: 10.2.3.3,10.3.2.
3444615	2022, 22-A-B-CANCG15W-PINO-COMP-1.3MW, DACO: 10.2.3.3,10.3.2.
3444616	2022, 21-A-B-CANML-PINO-COMP-1.8, DACO: 10.2.3.3,10.3.2.
3444617	2022, 21-A-B-CANML-PINO-COMP-1.6, DACO: 10.2.3.3,10.3.2.
3444618	2022, 21-A-B-CANML-PINO-COMP-1.9, DACO: 10.2.3.3,10.3.2.
3444619	2022, 22-A-B-CANCG15B-PINO-COMP-1.1CW, DACO: 10.2.3.3,10.3.2.
3444620	2022, 22-A-B-CANCG15B-PINO-COMP-1.2MW, DACO: 10.2.3.3,10.3.2.
3444621	2022, 22-A-B-CANCG15B-PINO-COMP-1.3CL, DACO: 10.2.3.3,10.3.2.

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