



Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2015-2423
Application: Changed to product label – Tank mixes
Product: Dynamax Adjuvant
Registration Number: 31814
Active ingredients (a.i.): Triglyceride ethoxylate 10 POE
Siloxylated polyether
Surfactant blend
PMRA Document Number : 2576441

Purpose of Application

The purpose of this application was to add twelve (12) tank-mixes, as well as to update the currently registered tank-mix partner's name on the registered product label of Dynamax Adjuvant. Dynamax Adjuvant is a non-ionic spray adjuvant containing 56% triglyceride ethoxylate 10 POE, 24% siloxylated polyether and 6% surfactant blend.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology review was not required for this application.

No new residue data were submitted to support the addition of new tank-mix partners on the Dynamax Adjuvant label. The proposed use rates of Dynamax Adjuvant do not exceed the registered use rate of the non-ionic adjuvant currently listed on each tank-mix partner label. When it is used together with end-use products containing various active ingredients on various crops, or on pasture and rangeland, no change in the magnitude of residues is expected in the treated crops. Therefore, dietary exposure to these active ingredients is not expected to increase, and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

The applicant submitted a rationale in which it was argued that as Dynamax

Adjuvant, a non-ionic surfactant, performs equivalently to half the rate of the non-ionic surfactant, Agral 90, then Dynamax Adjuvant applied at the same rate, i.e. 0.5x, with the proposed additional vegetation management herbicides and herbicide tank mixes, can be expected to perform similarly to Agral 90 and/or other non-ionic surfactants that are labelled for use with these herbicides. The applicant also stated that as per the originally registered Dynamax label, the maximum rate of Dynamax Adjuvant of 1x that of other non-ionic surfactants is intended for higher weed pressures.

The applicant’s rationale is supported as the rate ranges of Dynamax Adjuvant applied with the requested additional herbicides are the same as those with the originally labelled herbicides that require a non-ionic surfactant, usually 0.5-1x the rate of non-ionic surfactant stated on a particular herbicide label. The rationale is further supported in that the requested additional herbicides contain active ingredients that are contained in one or more of the herbicides that were originally listed on the Dynamax Adjuvant label.

The availability of Dynamax Adjuvant for use with the requested herbicides will offer applicators an additional non-ionic surfactant option for these products.

Conclusion

The PMRA has completed a review of all available information for Dynamax Adjuvant and determined that it supports the addition of twelve (12) tank-mixes, as well as updating the currently registered tank-mix partner’s name on the label of Dynamax Adjuvant.

References

PMRA Document Number	Reference
2544996	2015, Value, DACO: 10.1, 10.2.3.1, 10.3

ISSN: 1911-8082

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