

Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2021-0588
Application: Submissions Subject to Protection of Proprietary Interests in Pesticide Data Policy - Equivalency/Data Compensation Assessment
Product: Wynca Glufosinate ammonium 150 SN
Registration Number: 34598
Active ingredient (a.i.): Glufosinate-ammonium
PMRA Document Number : 3331679

Purpose of Application

The purpose of this application was to register Wynca Glufosinate ammonium 150 SN, an herbicide end-use product based on a precedent, for postemergent use in glufosinate-ammonium tolerant canola and as harvest aid (desiccant) in lentils, potatoes and alfalfa grown for seed.

Chemistry Assessment

Wynca Glufosinate ammonium 150 SN is formulated as a solution containing glufosinate-ammonium at a concentration of 150 g/L. This end-use product has a density of 1.0681 g/mL and pH of 7.85. The required chemistry data for Wynca Glufosinate ammonium 150 SN have been provided, reviewed and found to be acceptable.

Health Assessments

Wynca Glufosinate ammonium 150 SN was considered toxicologically equivalent to the precedent product; therefore, no toxicology data were required. Wynca Glufosinate ammonium 150 SN is considered to be of slight acute toxicity by the oral route, moderate acute toxicity by the dermal route and low acute toxicity by the inhalation route. It is considered to be moderately irritating to the eyes, and mildly irritating to the skin, and is not considered to be a dermal sensitizer.

The use pattern of Wynca Glufosinate ammonium 150 SN is comparable to the registered use pattern of the precedent products. Therefore, potential exposure for mixers, loaders, applicators, bystanders and postapplication workers is not expected to exceed the current exposure to the registered products of glufosinate ammonium. No health risks of concern are expected for workers and bystanders when label directions, precautions and restrictions are followed.

No new residue data for glufosinate ammonium were submitted or are required to support the registration of Wynca Glufosinate ammonium 150 SN. Previously reviewed residue data were re-assessed in the framework of this application.

The use directions on the Wynca Glufosinate ammonium 150 SN label, including the target

crops, method (ground), rates and timing of application, geographic restrictions, preharvest intervals, feeding restrictions, and crop rotation restrictions are comparable to the precedent end-use products.

Based on this assessment, residues are not expected to be greater than that for the currently registered uses and will be covered by the established MRLs. Consequently, dietary exposure to residues of glufosinate ammonium is not expected to increase with the registration of Wynca Glufosinate ammonium 150 SN and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The environmental risks posed by the use of Wynca Glufosinate ammonium 150 SN are acceptable provided there is observance of the precautions and mitigation measures that are outlined on the label.

Value Assessment

Registration of a generic product may increase product competition in the marketplace, which may in turn reduce purchasing costs of similar products.

Value information consisted of a comparison of the formulation of Wynca Glufosinate ammonium 150 SN to that of the cited precedent product. Based on the weight of evidence, agronomic equivalence between Wynca Glufosinate ammonium 150 SN and the cited precedent product was established. Therefore, all labelled uses and claims found on the precedent product label are supported for inclusion on the Wynca Glufosinate ammonium 150 SN.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found it sufficient to support the registration of Wynca Glufosinate ammonium 150 SN.

References

PMRA Document Number	References
3199613	2021, Formulation process of Wynca Glufosinate ammonium 150 SN, DACO: 3.2.2 CBI
3199614	2021, Impurities of toxicological concern, DACO: 3.2.3
3199616	2020, Enforcement analytical method, DACO: 3.4.1
3199618	2020, Color, physical state and odour of Wynca Glufosinate ammonium 150 SN, DACO: 3.5.1,3.5.2,3.5.3
3199619	2020, Storage stability of Wynca Glufosinate ammonium 150 SN, DACO: 3.5.10
3199620	2020, Flammability of Wynca Glufosinate ammonium 150 SN, DACO: 3.5.11

- 3199623 2020, Corrosion characteristics of Wynca Glufosinate ammonium 150 SN, DACO: 3.5.14
- 3199631 2020, Density of Wynca Glufosinate ammonium 150 SN, DACO: 3.5.6
- 3199633 2020, pH of Wynca Glufosinate ammonium 150 SN, DACO: 3.5.7
- 3199634 2020, Oxidizing or reducing action of Wynca Glufosinate ammonium 150 SN, DACO: 3.5.8
- 3199635 2020, Viscosity of Wynca Glufosinate ammonium 150 SN, DACO: 3.5.9

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