



Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2019-3677
Application: Submissions Subject to Protection of Proprietary Interests in Pesticide Data Policy - Equivalency/ Data Compensation
Product: Foison Glufosinate ammonium 150 SN
Registration Number: 34467
Active ingredient (a.i.): Glufosinate-ammonium
PMRA Document Number: 3153344

Purpose of Application

The purpose of this application was to register the end-use product Foison Glufosinate ammonium 150 SN, based on a precedent.

Chemistry Assessment

Foison Glufosinate ammonium 150 SN is formulated as an aqueous solution containing glufosinate-ammonium at a concentration of 150 g/L. This end-use product has a density of 1.1022 g/cm³ and pH of 6.52. The required chemistry data for Foison Glufosinate ammonium 150 SN have been provided, reviewed and found to be acceptable.

Health Assessments

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

The use of Foison Glufosinate ammonium 150 SN on listed crops is not expected to result in potential occupational or bystander exposure over the registered use of glufosinate-ammonium. No risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

No new residue data for glufosinate-ammonium in lentils, potatoes, alfalfa and canola were submitted to support the registration of Foison Glufosinate ammonium 150 SN. Previously reviewed residue data for glufosinate-ammonium were reassessed in the framework of this application.

The dietary exposure assessment on file is considered adequate to cover the residues of glufosinate-ammonium expected from this new product. No health risks of concern have been identified for any segment of the population including infants, children, adults and seniors.

Environmental Assessment

The use patterns for Foison Glufosinate ammonium 150 SN are identical to those currently registered for the precedent product. No additional risk to the environment is expected from the registration of this product that cannot be mitigated through labelling.

Value Assessment

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

The formulation of Foison Glufosinate ammonium 150 SN was compared to the formulations of the cited precedent products. The agronomic equivalence between Foison Glufosinate ammonium 150 SN and the cited precedent products can be established. Therefore, all uses and claims found on the precedent product labels are supported for inclusion on the Foison Glufosinate ammonium 150 SN label.

Conclusion

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

References

PMRA Document Number	References
3020525	2019, DACO 3.2.2: Declaration of the Composition for Glufosinate-ammonium 150 SL, DACO: 3.2.2 CBI
3020526	2019, DACO 3.2.2 Formulation process, DACO: 3.2.2 CBI
3020527	2019, DACO 3.2.3: Description of the formulation of impurities of toxicological concern, DACO: 3.2.3
3020528	2019, DACO 3.4.1: Methods of Analysis for Glufosinate-ammonium 150g/L, DACO: 3.4.1
3020529	2019, DACO 3.4.2: Impurities of toxicological concerns, DACO: 3.4.2
3020530	2017, DACO 3.5.1,2,3: Appearance Test of Glufosinate - ammonium 150 g/L SL, DACO: 3.5.1,3.5.2,3.5.3
3020531	2019, DACO 3.5.4: Formulation type, DACO: 3.5.4
3020532	2019, DACO 3.5.5: Container Material and Description, DACO: 3.5.5
3020533	2017, DACO 3.5.6: Density Test of Glufosinate-ammonium 150 g/L SL, DACO: 3.5.6
3020534	2017, DACO 3.5.7: pH Test of Glufosinate-ammonium 150 g/mL SL, DACO: 3.5.7
3020535	2019, DACO 3.5.8: Oxidation/reduction, DACO: 3.5.8
3020536	2017, DACO 3.5.9: Viscosity Test of Glufosinate-ammonium 150 g/L SL, DACO: 3.5.9
3020537	2017, DACO 3.5.10: Thermal Stability Test of Glufosinate-ammonium 150 g/L SL, DACO: 3.5.10
3020538	2017, DACO 3.5.11: Flash Point Test of Glufosinate-ammonium 150 g/L SL, DACO: 3.5.11
3020539	2017, DACO 3.5.12: Explosive Properties Test of Glufosinate-ammonium 150g/L, DACO: 3.5.12
3020540	2017, DACO 3.5.13: Miscibility Test of Glufosinate-ammonium 150g/L, DACO: 3.5.13
3020541	2017, DACO 3.5.14: Corrosion Characteristics Test of Glufosinate-ammonium 150g/L, DACO: 3.5.14
3020542	2019, DACO 3.5.15: Electric Breakdown Voltage, DACO: 3.5.15
3020543	2019, DACO 3.5.16: Nano-material Characteristics, DACO: 3.5.16
3134768	2020, Updated manufacturing process for Sub, No. 2019-3677, DACO: 3.2.2 CBI
3134769	2015, Validation method for Sub No. 2019-3677, DACO: 3.4.1
3179677	2020, Quantitative Analysis of Active Ingredient in Glufosinate-ammonium 150 g/L SL, DACO: 3.4.1

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