



Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2017-5426
Application: Submissions Subject to Protection of Proprietary Interest in Pesticide Data (PIIP) Policy – Partial Data
Product: FBN Diquat 240SN
Registration Number: 33649
Active ingredient (a.i.): Diquat
PMRA Document Number : 2889425

Purpose of Application

The purpose of this application was to register the end-use product FBN Diquat 240SN, containing diquat, present as diquat dibromide, based on precedent under the Protection of Proprietary Interest in Pesticide Data (PIIP) program.

Chemistry Assessment

FBN Diquat 240SN is formulated as a solution containing diquat, present as diquat dibromide at a concentration of 240 g/L. This end-use product has a density of 1.19 g/mL and pH of 4 - 6. The required chemistry data for FBN Diquat 240SN have been provided, reviewed and found to be acceptable.

Health Assessments

FBN Diquat 240SN is considered to be toxicologically equivalent to the precedent product. Subsequently, no toxicological data were submitted or are required.

FBN Diquat 240SN for use as a desiccant on various crops and sites fits within the registered use pattern for diquat. The potential exposure for mixers, loaders, applicators and post application re-entry workers is not expected to exceed the current exposure to registered products.

No residue data were submitted for diquat dibromide in order to support the registration of FBN Diquat 240SN. Previously reviewed residue data from field trials conducted in/on the various crops were reassessed in the framework of this application. All of the registered uses from the precedent labels have been included on the FBN Diquat 240SN label at the same rates and application timing. Residues in these crop/livestock commodities at the established Maximum Residue Limits (MRLs) will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

No additional risk to the environment is expected from the registration of FBN Diquat 240SN, as the use pattern for this product fits within the registered use pattern for

diquat.

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 FBN Diquat 240SN was compared to the formulation of the cited precedent product. Agronomic equivalence between FBN Diquat 240SN and the cited precedent product can be established. Therefore, the uses and claims are supported for inclusion on the FBN Diquat 240SN label from a value perspective.

Conclusion

The Pest Management Regulatory Agency has completed the assessment of the available information and found it acceptable to support the registration of FBN Diquat 240SN.

References

PMRA Document Number	References
2804851	2017, Letter of Declaration of Ingredients, DACO: 0.8.1
2804855	2017, Product Chemistry and Accelerated Storage Stability/Corrosion Characteristics Testing of Diquat 240 g/L SL, DACO: 3.5.1,3.5.2,3.5.3,3.5.6,3.5.7,3.5.8,3.5.9 CBI

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