

Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4, 2.5, 3.10 Application

Application Number: 2020-0106
Application: New Manufacturing Product
Product: Carfentrazone 40 WG MUP
Registration Number: 34141
Active ingredient (a.i.): Carfentrazone-ethyl
PMRA Document Number: 3229660

Purpose of Application

The purpose of this application was to register a new manufacturing herbicide containing carfentrazone-ethyl.

Chemistry Assessment

Carfentrazone 40 WG MUP is formulated as wettable granules containing carfentrazone-ethyl at a concentration of 40%. This end-use product has a density of 0.62-0.82 g/mL and pH of 7.13-10.13. The required chemistry data for Carfentrazone 40 WG MUP have been provided, reviewed and found to be acceptable.

Health Assessments

Carfentrazone 40 WG MUP was of low acute toxicity in rats via the oral, dermal and inhalation routes of exposure. In rabbits, it was mildly irritating to the eyes and minimally irritating to the skin. It was not a skin sensitizer in mice in the Local Lymph Node Assay (LLNA).

Exposure and food residue assessments were not required for this application.

Value and Environmental Assessments

Value and environmental assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to register Carfentrazone 40 WG MUP.

References

PMRA Document Number	Reference
3075972	2020, Confidential Attachment To: Product Identity and Composition of End-Use Product PJ997-040, DACO: 3.1, 3.2.1, 3.2.2, 3.2.3, 3.3.1, 3.4.2 CBI
3075975	2020, Determination of Physical and Chemical Characteristics of PJ997-040, DACO: 3.5.1, 3.5.10, 3.5.11, 3.5.12, 3.5.13, 3.5.14, 3.5.15, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8, 3.5.9
3075976	2019, Storage Stability and Container Corrosion Evaluation of Carfentrazone-ethyl (PJ997) 40WG Formulations, DACO: 3.4.1, 3.5.10, 3.5.14
3104669	2020, PJ997-040 40 WG: Analytical Method Validation, DACO: 3.4.1
3075977	2019, PJ997 Herbicide: Acute Toxicology Summary, DACO: 4.1
3075978	2019, PJ997: Acute Oral Toxicity - Up-and-Down Procedure in Rats, DACO: 4.6.1
3075981	2019, PJ997: Acute Dermal Toxicity in Rats, DACO: 4.6.2
3075983	2019, PJ997: Acute Inhalation Toxicity in Rats, DACO: 4.6.3
3075985	2019, PJ997: Primary Eye Irritation in Rabbits, DACO: 4.6.4
3075987	2019, PJ997: Primary Skin Irritation in Rabbits, DACO: 4.6.5
3075989	2019, PJ997: Local Lymph Node Assay (LLNA) in Mice, DACO: 4.6.6

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