

Evaluation Report for Category B, Subcategory 2.1, 2.6 Application

Application Number: 2013-4771
Application: New End-Use Product: Changes in guarantee and new combination of TGIAs.
Product: Engarde Manufacturing Use Product
Registration Number: 31593
Active ingredients (a.i.): Mesotrione
Rimsulfuron
PMRA Document Number: 2469444

Purpose of Application

The purpose of this application was to register a new manufacturing concentrate. Engarde Manufacturing Use Product is a blend of two registered products, Rimsulfuron 25 SG MUP (registration number 29101) and Mesotrione 50 WG Herbicide (registration number 29655).

Three other concurrent applications were received for; Engarde Post Manufacturing Use Product (registration number 31594), Engarde Post Herbicide (registration number 31596) and Engarde Herbicide (registration number 31595).

Chemistry Assessment

Engarde Manufacturing Use Product is formulated as wettable granules containing rimsulfuron at a nominal concentration of 4.31% and mesotrione at nominal concentration of 41.38%. This end-use product has a density of 0.5848 g/mL and pH of 3.94. The chemistry requirements for this product have been fulfilled.

Health Assessments

As this product is a blend of two existing products, no new toxicology data were required or submitted.

Environmental Assessment

No direct applications to the environment are permitted for the manufacturing use concentrate. Therefore, it is not expected to change the amount of mesotrione or rimsulfuron released to the environment.

Value Assessment

A value assessment was not required for this application.

Conclusion

Following review of the application, the registration of Engarde Manufacturing Use Product was approved.

References

PMRA

Document

| Number | Reference |
|---------|---|
| 2340736 | 2013, DACO 3.1-3.2, DACO: 3.1,3.1.1,3.1.2,3.1.3,3.1.4,3.2 |
| 2340737 | 2012, Physical and Chemical Characteristics, DACO: 3.5, 3.5.1, 3.5.11, 3.5.12, 3.5.13, 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 |
| 2340738 | 2013, Analytical Method, DACO: 3.4.1 |
| 2340739 | 2011, Validation of Analytical method, DACO: 3.4.1 |
| 2340740 | 2013, Storage and corrosion characteristics, DACO: 3.5.10,3.5.14 |

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