

Evaluation Report for Category B, Subcategory 1.1, 1.3 Application

Application Number: 2015-6038
Application: Changes Product chemistry – new source (site) same registrant and specifications
Product: Productierra Glyphosate Technical
Registration Number: 31062
Active ingredients (a.i.): glyphosate
PMRA Document Number : 2644095

Purpose of Application

The purpose of this application was to add a new manufacturing site for the Productierra Glyphosate Technical, for the same registrant.

Chemistry Assessment

Common Name: Glyphosate
IUPAC* Chemical Name: N-(phosphonomethyl)glycine
CAS† Chemical Name: N-(phosphonomethyl)glycine

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Productierra Glyphosate Technical has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	98.0%
Odour	Odourless
Bulk Density	0.698-0.836 g/cm ³
Vapour pressure	1.31 × 10 ⁻² mPa (25 °C)
pH	1.67
Solubility in water	10.8-11.715 g/L
n-Octanol/water partition coefficient	LogK _{ow} = <-3.2 (pH 5-9, 20 °C)

The required chemistry data for Productierra Glyphosate Technical have been provided,

reviewed, and found to be acceptable.

Health Assessments

Product manufactured at the new site is considered toxicologically equivalent to product manufactured at the currently registered sites. New toxicological data were neither submitted nor required.

Food and occupational exposure assessments were not required for this application.

Environmental and Value Assessments

Environmental and value assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Productierra Glyphosate Technical, and has found the information sufficient to add a new manufacturing site.

References

PMRA Document Number	Reference
2581284	2015, Manufacturers Method and Description of Process and Possible Impurities, DACO: 2.11,2.11.1,2.11.2,2.11.3,2.11.4 CBI
2581285	2014, Preliminary Analysis Testing and Determination of UV Absorption Spectrum of Glyphosate Technical 95%, DACO: 2.12,2.12.1,2.13,2.13.1,2.13.2,2.13.3,2.13.4 CBI
2592096	2015, DACO 2.1 and 2.2, DACO: 2.1,2.2 CBI

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