

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2015-1571
Application: New / Changes TGAI or ISP Prod Chemistry-New
 Source (Site) Same Registrant
Product: NewAgco Glyphosate Technical
Registration Number: 29381
Active ingredients (a.i.): Glyphosate
PMRA Document Number : 2590660

Purpose of Application

The purpose of this submission was to add two new manufacturing sites to NewAgco Glyphosate Technical.

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

NewAgco Glyphosate Technical has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	96.0%
Odour	Odourless
Density	0.70 - 0.85 g/mL (20°C)
Vapour pressure	1.3 – 1.4 x 10 ⁻² mPa (at 25°C)
pH	1.67 – 1.85
Solubility in water	10.1 – 11.7 g/L (20°C)
n-Octanol/water partition coefficient	Log K _{ow} <-4.22 to -2.79

The required chemistry data for NewAgco Glyphosate Technical have been provided, reviewed, and found to be acceptable.

Health, Environmental and Value Assessments

Health, Environmental and Value Assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has determined that the addition of the two new manufacturing sites for NewAgco Glyphosate Technical can be supported.

References

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2526670	2008, Determination of the bulk density of Glyphosate Technical, DACO: 2.14.6 CBI
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