

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2008-2914
Application: New/Changes to the technical grade active ingredient – new source (site) same registrant
Product: Nufarm Glyphosate Technical Acid
Registration Number: 28857
Active ingredients (a.i.): Glyphosate [GPS]
PMRA Document Number: 1880721

Purpose of Application

The purpose of this application was to add two new sources of glyphosate to the currently registered product, Nufarm Glyphosate Technical Acid, Registration number 28857, by the same registrant.

Chemistry Assessment

Common name: Glyphosate
Chemical name: *N*-(Phosphonomethyl)glycine

Nufarm Glyphosate Technical Acid has the following properties:

Property	Results
Colour and physical state	White to off-white solid
Nominal concentration	96.5 %
Odour	Odourless
Density	1.62 g/cm ³
Vapour pressure	6.7 x 10 ⁻⁷ Pa
pH	2.2 (1% solution)
Solubility in water	10.1 g/L
n-Octanol/water partition coefficient	log Kow = <-3.2 at pH 2-5 log Kow = <-6.3 at pH 4, 7, 10

Health, Environmental and Value Assessments

Health, environmental and value assessments were not required for this application.

Conclusion

The PMRA has conducted a review of the available information for this application and has concluded that the addition of two new sources for the production of Nufarm Glyphosate Technical Acid is acceptable.

References

- 1622151 2008, 28857 5-Batch Analysis, (CBI REMOVED) DACO: 2.13.3 CBI
- 1622152 2008, 28857 5-Batch Analysis, (CBI REMOVED) DACO: 2.13.3 CBI
- 1622153 2008, NUP 07163 PHYSICO-CHEMICAL PROPERTIES, DACO:
2.14.1,2.14.12,2.14.13,2.14.2,2.14.3 CBI
- 1622154 2008, NUP 07169 PHYSICO-CHEMICAL PROPERTIES, DACO:
2.14.1,2.14.12,2.14.13,2.14.2,2.14.3 CBI
- 1622155 2008, NUP 07163 Product Identity and Composition RTP-08-013-REG, DACO:
2.11.1,2.11.2,2.11.4,2.12.1,3.4.1 CBI
- 1622156 2008, NUP 07169 Product Identity and Composition RTP-08-028-REG, DACO:
2.11.1,2.11.2,2.11.4,2.12.1,3.4.1 CBI
- 1622157 2008, 28857 - Glyphosate Acid Summary, DACO:
2.6,2.7,2.8,2.9,3.1.1,3.1.2,3.1.3,3.1.4 CBI
- 1862638 2008, Method Validation NUF0385, DACO: 2.13.1 CBI

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