

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2019-3204
Application: Changes to Technical Grade Active Ingredient Product Chemistry –
 New source (site) same registrant
Product: Clearout Glyphosate Technical
Registration Number: 28321
Active ingredient (a.i.): Glyphosate
PMRA Document Number : 3081749

Purpose of Application

The purpose of this application was to register additional sources for the technical grade active ingredient Clearout 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

Clearout Glyphosate Technical has the following properties:

Property	Result
Colour and physical state	White crystalline solid
Nominal concentration	94.8 %
Odour	Odourless
Density	1.71 g/cm ³ at 20°C
Vapour pressure	1.31 × 10 ⁻² mPa at 25°C
pH	1.72 (1% solution)
Solubility in water	10.5 g/L (pH 1.9, 20-25°C)
n-Octanol/water partition coefficient	Log K _{ow} < -3.2 (pH 5-9)

The required chemistry data for Clearout 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 available information and has found it sufficient to support the registration of new sources for Clearout Glyphosate Technical.

References

PMRA Document Number	References
3009369	2018, Albaugh Technical Glyphosate Acid Product Identity and Composition, DACO: 2.11.1,2.11.2,2.11.3,2.11.4,2.12.1 CBI
3009370	2016, Glyphosate Acid TGAI Product Identity and Composition, DACO: 2.11.1,2.11.2,2.11.3,2.11.4,2.12.1 CBI
3009371	2011, Analytical method validation for the active ingredient glyphosate in technical product, DACO: 2.13.1 CBI
3009372	2016, Qualitative and Quantitative Profile of the test substance Glyphosate (Five Batch Analysis), DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI
3009373	2011, Qualitative and Quantitative Profile of the test substance BHUB 001T (Five Batch Analysis), DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI

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