

Evaluation Report for Category B, Subcategory 1.1, 1.3 Application

Application Number: 2015-2649
Application: Changes to TGAI Product Chemistry – New Source (site) same registrant and specifications
Product: CLEAROUT Glyphosate Technical
Registration Number: 28321
Active ingredients (a.i.): Glyphosate
PMRA Document Number : 2637429

Purpose of Application

The purpose of this application was to add a new source to CLEAROUT Glyphosate Technical, with a new manufacturing process.

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
Vapour pressure at 25°C	1.31 × 10 ⁻⁵ Pa
pH	1.72 (1% solution)
Solubility in water at 25°C	11.6 g/L
n-Octanol/water partition coefficient	Log K _{ow} < -3.2 (pH 5-9, 20°C)

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

reviewed, and found to be acceptable.

Health Assessments

Occupational and dietary exposure assessments were not required for this application.

The new source and amendment were concluded to be toxicologically equivalent to the previous source.

Environmental Assessment

The new source and amendment were concluded to be toxicologically equivalent to the previous source.

Value Assessment

A value assessment was not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the available information and is able to support the addition of a new source to CLEAROUT Glyphosate Technical, with a new manufacturing process.

References

PMRA Document Number	References
2545049	2015, Albaugh Technical Glyphosate Acid; Product Identity and Composition, DACO: 2.1,2.11,2.12,2.2,2.3,2.4,2.5,2.6,2.7,2.8,2.9 CBI
2545050	2014, Method Validation for Glyphosate Acid, DACO: 2.13.1 CBI
2545051	2015, Product Chemistry Analysis of Glyphosate Acid, DACO: 2.13.2,2.13.3,2.13.4 CBI

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