

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2014-6295
Application: Change TGAI product chemistry – New source same registrant
Product: ClearOut Glyphosate Technical
Registration Number: 28321
Active ingredients (a.i.): glyphosate
PMRA Document Number : 2574367

Purpose of Application

The purpose of this application was to add two new sources of technical to 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/colourless solid
Nominal concentration	94.8%
Odour	Odourless
Density	1.71 g/cm ³
Vapour pressure at 25°C	1.3 × 10 ⁻⁵ Pa
pH	1.72
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

The sources of technical were considered toxicologically equivalent to the precedent product. No new toxicological data was requested, submitted or reviewed.

Environmental Assessment

Environmental precautionary statements on the label are adequate and no additional environmental review was required.

Value Assessment

A value assessment was not required for this application.

Conclusion

Following review of this application, the two new sources of technical for ClearOut Glyphosate Technical were approved.

References

- 2487668 2014, Chemistry-2.3, 2.3.1, 2.14-Glyphosate TGAI, DACO: 2.14,2.3,2.3.1
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