

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2017-7669
Application: Changes to the Technical Grade Active Ingredient Product
Chemistry -New Source (site), same registrant
Product: MGT Glyphosate Technical
Registration Number: 30099
Active ingredient (a.i.): glyphosate
PMRA Document Number : 2902385

Purpose of Application

The purpose of this application was to register a new manufacturing site for the technical grade active ingredient MGT 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

MGT Glyphosate Technical has the following properties:

Property	Result
Colour and physical state	White crystalline powder
Nominal concentration	96.4%
Odour	none
Specific gravity at 20°C	1.704
Vapour pressure	1.31×10^{-5} Pa (25°C)
pH	2.6-2.7
Solubility in water	10.1 g/L (20°C)
n-Octanol/water partition coefficient	Log K_{ow} = -2.8

The required chemistry data for MGT 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 found the information sufficient to support the registration of the new source of MGT Glyphosate Technical.

References

2831413 2017, Chemistry requirements for the registration of a technical grade of active ingredient (TGAI), DACO: 2.1,2.11.1,2.11.2,2.11.3,2.11.4,2.12.1,2.13.1,2.13.2, 2.13.3,2.2 CBI

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