

Evaluation Report for Category B, Subcategory 1.2 Application

Application Number: 2008-5374
Application: New Source of Technical Grade Active Ingredient by a New Registrant
Product: Sharda Glyphosate Technical Herbicide
Registration Number: 29980
Active ingredients (a.i.): Glyphosate
PMRA Document Number English PDF: 2001204

Background

For this application, chemical equivalence of the new source of glyphosate was determined using Registration Number 19535.

Purpose of Application

The purpose of this application was to register a new source of the active ingredient, glyphosate, by a different Registrant.

Chemistry Assessment

Common Name: Glyphosate
Chemical Name: N-(Phosphonomethyl)-glycine

Sharda Glyphosate Technical Herbicide has the following properties:

Property	Result
Colour and physical state	White Powder (Solid)
Nominal concentration	96.2%
Odour	Odourless
Density	1.7001±0.0057
Vapour pressure	1.35349×10^{-2} mPa
pH	1.97
Solubility in water	5.8 g/L at pH 5.1
n-Octanol/water partition coefficient	$\log K_{OW} = -3.16$

The chemistry requirements for Sharda Glyphosate Technical Herbicide have been completed.

Health and Environmental Assessments

The health and environmental risk profiles of Sharda Glyphosate Technical Herbicide are expected to be similar to that of the source used to determine chemical equivalence. As a result, no additional assessments were required for this application.

Value Assessment

A value assessment is not required for technical grade active ingredient products.

Conclusion

The PMRA has completed an evaluation of the subject application and has determined that it can support the registration of Sharda Glyphosate Technical Herbicide.

References

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