

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2013-3709
Application: New / Changes TGAI or ISP Prod Chemistry-New Source (site) same registrant
Product: Touchdown Technical Herbicide
Registration Number: 29540
Active ingredients (a.i.): Glyphosate
PMRA Document Number : 2428807

Purpose of Application

The purpose of this application was to replace the registered manufacturing site with a new source as part as a workshare with the US.

Chemistry Assessment

Common Name: glyphosate
 CAS Chemical Name: glycine, *N*-(phosphonomethyl)-
 IUPAC Chemical Name: [(phosphonomethyl)amino]acetic acid

Touchdown Technical Herbicide has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	99%
Odour	No characteristic odour
Density at 20°C	1.79 g/cm ³
Vapour pressure	<1 x 10 ⁻⁸ KPa at 20°C
pH	1-3 (1% in water)
Solubility in water	10 g/L at 20°C
n-Octanol/water partition coefficient (K _{ow})	Log K _{ow} < -3.2 (pH 2-5)

The chemistry requirements for Touchdown Technical Herbicide have been fulfilled.

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 is able to support the registration of Touchdown Technical Herbicide.

References

PMRA Document Number	Reference
1687779	1999, TOUCHDOWN Technical Herbicide- Analytical Methodology/Method Validation: The Determination of Glyphosate Anion in Glyphosate Acid, Glyphosate-Trimesium and Glyphosate-Potassium Technical Materials by High Performance Liquid Chromatography, DACO: 2.13.1 CBI
1687782	2007, TOUCHDOWN Technical Herbicide- Glyphosate- Analysis of 5 Samples of Technical Glyphosate, representative of Large-Scale Production at [Private Information Removed], for [CBI Removed] Content Final Report, DACO: 2.13.3,2.13.4 CBI
2323925	2012, Glyphosate Technical (ASF71) - Analytical Method SA-62/1 Analytical Method, DACO: 2.13.1,IIA 4.2.1 CBI
2323926	2012, Glyphosate Technical (ASF71) - Validation of Analytical Method SA-62/1 Final Report, DACO: 2.13.1,IIA 4.2.1 CBI
2419292	2013, Glyphosate Technical (ASF71) - Validation of accuracy and linearity for method SBA-58/1 - Final report, DACO: 2.13.1 CBI
2419294	2013, Certificate of Analysis, DACO: 2.13.2 CBI
2422067	2013, Glyphosate Technical (ASF71) - Validation of accuracy and linearity for method SBA-59/1 - Final report, DACO: 2.13.1 CBI
2422068	2008, Certificate of Analysis, DACO: 2.13.1 CBI

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