

Evaluation Report for Category B, Subcategory 1.2 Application

Application Number: 2009-2682
Application: New source of Technical Grade Active Ingredient by a new registrant
Product: MEY Corp Glyphosate Technical
Registration Number: 29799
Active ingredients (a.i.): Glyphosate
PMRA Document Number : 1921003

Purpose of Application

The purpose of this submission is to register a new source of technical grade active ingredient by a new registrant.

Chemistry Assessment

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

MEY Glyphosate JGM Technical has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	98.5%
Odour	Odourless
Specific Gravity	1.705
Vapour pressure	1.31×10^{-2} mPa (at 25°C)
pH	2.6-2.7 (1% solution)
Solubility in water	10.5 g/L (20°C, pH 1.9)
n-Octanol/water partition coefficient	Log K_{ow} < - 3.2 (pH 2-5)

The chemistry requirements for MEY Corp Glyphosate Technical have been completed.

Health and Environmental Assessments

The health and environmental risk profile of MEY Corp Glyphosate Technical is expected to be similar to that of the precedent technical source. Additional assessments were not required.

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 MEY Corp Glyphosate Technical is eligible for full registration.

References

1784115 2009, MEY Glyphosate [CBI Removed] Technical Chemistry Process Description for PMRA, DACO: 2.1, 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.12, 2.12.1, 2.13.1, 2.13.2, 2.13.4, 2.14.1, 2.14.10, 2.14.11, 2.14.12, 2.14.13, 2.14.14, 2.14.2, 2.14.3, 2.14.4, 2.14.5, 2.14.6, 2.14.7, 2.14.8, 2.14.9, 2.15, 2.16, 2.2, 2.3, 2.3.1, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9

1784120 Batch Data, DACO: 2.13.3 CBI Removed

1784122 Density, DACO: 2.14.6 CBI Removed

1784123 Stability, DACO: 2.14.13 CBI Removed

1866803 2008, MEYCHEM Glyphosate Herbicide Five Batch Analysis, DACO: 2.13.1, 2.13.3 CBI Removed

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