

## Evaluation Report for Category B, Subcategory B.1.1 Application

**Application Number:** 2016-1010  
**Application:** New TGAI, Product Chemistry - New Source, Same Registrant  
**Product:** NewAgco Glyphosate Technical  
**Registration Number:** 29381  
**Active ingredient (a.i.):** Glyphosate  
**PMRA Document Number:** 2668023

### Purpose of Application

The purpose of this application was to add a new manufacturing site for NewAgco 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

NewAgco Glyphosate Technical has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	96.0%
Odour	Odourless
Density	0.9 g/cm <sup>3</sup>
Vapour pressure	1.31 × 10 <sup>-2</sup> mPa
pH	2.25
Solubility in water	10.5 g/L
n-Octanol/water partition coefficient	logK <sub>ow</sub> < -3.2

The required chemistry data for NewAgco 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 addition of a new manufacturing site for NewAgco Glyphosate Technical.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
2609089	2016, Manufacturer Information, DACO: 2.1,2.2,2.3,2.3.1 CBI
2609090	2016, Description Of The Manufacturing Process Of Glycine-Glyphosate Tech, DACO: 2.11.1,2.11.2,2.11.3,2.11.4 CBI
2609091	2009, Analytical Method validation for the active ingredient glyphosate in technical product, DACO: 2.13.1 CBI
2609092	2008, Purity Profile for 5 batches of Glyphosate Technical [CBI Removed], DACO: 2.12.1,2.13.2,2.13.3 CBI
2609093	2009, Amendment 1 - Purity Profile for 5 batches of Glyphosate Technical [CBI Removed], DACO: 2.12.1,2.13.2,2.13.3 CBI
2609094	2009, Amendment 2 - Purity Profile for 5 batches of Glyphosate Technical [CBI Removed], DACO: 2.12.1,2.13.2,2.13.3 CBI
2609095	2009, Amendment 3 - Purity Profile for 5 batches of Glyphosate Technical [CBI Removed], DACO: 2.12.1,2.13.2,2.13.3 CBI
2609096	2009, Amendment 4 - Purity Profile for 5 batches of Glyphosate Technical [CBI Removed], DACO: 2.12.1,2.13.2,2.13.3 CBI
2609097	2009, Physical State, Appearance and Color of Glyphosate Technical, DACO: 2.14.1,2.14.2 CBI
2609098	2009, Odor of Glyphosate Technical, DACO: 2.14.3 CBI
2609099	2009, Determination of the bulk density of Glyphosate Technical, DACO: 2.14.6 CBI
2609100	2009, Vapor Pressure of Glyphosate Technical, DACO: 2.14.9 CBI
2609101	2009, Melting Point and Range of Glyphosate Technical, DACO: 2.14.4 CBI
2609102	2009, Solubility in water and organic solvents of Glyphosate Technical, DACO: 2.14.7,2.14.8 CBI
2609103	2009, Partition coefficient (N-octanol/water) of Glyphosate Technical, DACO: 2.14.11 CBI
2662278	2016, Manufacturing dates, DACO: 2.13.3 CBI
2662279	2011, Method Validation and determination of [CBI Removed] in 5 Batches of Glyphosate Technical, DACO: 2.13.4 CBI

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