

## Evaluation Report for Category B, Subcategory B.1.1, B.1.3 Application

**Application Number:** 2007-9087  
**Application:** B.1.1 (New source(site) same registrant)  
                           B.1.3 (New product chemistry specifications)  
**Product:** Cheminova Glyphosate Technical II  
**Registration Number:** 29326  
**Active ingredients (a.i.):** Glyphosate (GPS)  
**PMRA Document Number:** 1761805

### Purpose of Application

The purpose of this application is to register a new source of glyphosate.

### Chemistry Assessment

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

Cheminova Glyphosate Technical II has the following properties:

Property	Result
Colour and physical state	White to greyish solid
Nominal concentration	97.5 % as determined by HPLC
Odour	Odourless
Specific gravity	1.705
Vapour pressure	$1.31 \times 10^{-2}$ mPa at (25°C)
pH	1 – 2 (1% suspension in water)
Solubility in water	10.5 g/L mg/L at 20°C
n-Octanol/water partition coefficient	$\log K_{ow} < -3.2$ (pH 2 – 5, 20°C )

The chemistry requirements for Cheminova Glyphosate Technical II are complete.

## **Health Assessments**

No new residue data were submitted for the present submission. The food residue profile of Cheminova Glyphosate Technical II is expected to be similar to that of the original registered Glyphosate Technical (Reg. No. 24337) as chemistry concluded that both TGAs were chemically equivalent. No impact on the magnitude of residues is expected. Consequently, no increase in dietary exposure is anticipated.

## **Environmental Assessment**

An environmental assessment was not required on this application.

## **Value Assessment**

A value assessment was not required on this application.

## **Conclusion**

The PMRA has completed the assessment of all available information and has concluded that the new source of glyphosate is acceptable for registration.

## References

PMRA No	Title
1585825	1992, Technical Chemistry file GPS-CNV-1
1551290	1993, Technical Chemistry file GPS-CNV-1. Final Report - Stability of Glyphosate Technical, 92-10-4378;11704.0492.6123.865, DACO: 2.14.13
1528863	2007, DACO: 2.0, 2.1, 2.11, 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.12, 2.12.1, 2.12.2, 2.13, 2.13.1, 2.13.2, 2.13.3 CBI.
1741346	Second Amendment to Report: Glyphosate: Batch Analysis Validation of Analytical Method for the Determination of Various Contents of Impurities in Glyphosate, CHA Doc No. 980 Gly amdt-2, DACO: 2.13.3 CBI
1738926	Identification and determination of the relevant impurities Formaldehyde (CAS No. 50-00-0) and N-Nitrosoglyphosate (NNG) (CAS No. 56516-72-4) in five batches of Glyphosate Technical, Batch Nos. RFYP1089, RFYP1090, RFYP1091, RFYP1092 and RFYP1093, TEM-005-04.

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