



Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2025-2133
Application: Application Subject to Protection of Proprietary Interests in Pesticide Data (PPIP) Policy – Equivalency/Data Compensation Assessment
Applicant: Jiangsu Good Harvest-Weien Agrochemical Co., Ltd.
Product: GH MCPA Technical
Registration Number: 36025
Active ingredient (a.i.): MCPA (present as acid)
PMRA Document Number: 3818924

Purpose of Application

The purpose of this application was to register GH MCPA Technical, a new source of the active ingredient MCPA (present as acid), based on a registered precedent product.

Chemistry Assessment

Common Name: MCPA
IUPAC* Chemical Name: (4-chloro-2-methylphenoxy)acetic acid
CAS† Chemical Name: 2-(4-chloro-2-methylphenoxy)acetic acid

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

GH MCPA Technical has the following properties:

Property	Result
Colour and physical state	light ivory solid
Nominal concentration	97.8 %
Odour	odourless
Density	1.422 – 1.428 g/mL at 20°C
Vapour pressure	0.21 mPa at 20.0°C
pH	2.81 at 25.1°C



Property	Result	
Solubility in water	pH	Solubility (mg/L)
	~2.8	906.0
	1	395.0
	5	2.62×10^4
	7	2.939×10^5
	9	3.201×10^5
n-Octanol/water partition coefficient	$\log K_{ow} = 2.7$ (at pH 2.20 / 25°C)	

The required chemistry data for GH MCPA 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

Health Canada has completed an assessment of the information provided, and has found the information acceptable to support the registration of GH MCPA Technical.

References

PMRA

Document

Number	Reference
3716964	2016, Manufacturing Process, DACO: 2.11.1,2.11.3,2.11.4 CBI
3716970	2016, Validation Method, DACO: 2.13.1,2.13.2,2.13.3 CBI
3716971	2016, Batch Data and Impurities Test, DACO: 2.13.3,2.13.4 CBI
3716972	2025, Physical and Chemical Properties, DACO: 2.14.1,2.14.10,2.14.12, 2.14.13,2.14.14,2.14.15,2.14.2,2.14.3,2.14.6
3716973	2025, Physical and Chemical Properties 2, DACO: 2.14.11,2.14.4,2.14.7,2.14.8,2.14.9
3739870	2025, Batch Data Clarification, DACO: 2.13.3
3739871	2017, Dioxins and Furans, DACO: 2.13.4 CBI

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