

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2021-2853  
**Application:** New TGAI Product Chemistry, New Source Same Registrant  
**Product:** NewAgco MCPA 2EH Technical  
**Registration Number:** 34134  
**Active ingredient (a.i.):** MCPA (present as esters)  
**PMRA Document Number :** 3388755

### Purpose of Application

The purpose of this application was to add a new manufacturing site for the technical product, NewAgco MCPA 2EH Technical

### Chemistry Assessment

**Common Name:** MCPA-etexyl  
**IUPAC\* Chemical Name:** (RS)-2-ethylhexyl [(4-chloro-o-tolyl)oxy]acetate  
**CAS† Chemical Name:** 2-ethylhexyl 2-(4-chloro-2-methylphenoxy)acetate

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

NewAgco MCPA 2EH Technical has the following properties:

Property	Result
Colour and physical state	Light Brown
Nominal concentration	62.3 %
Odour	Ester-like
Density	1.065 g/mL at 20 °C
Vapour pressure	1.56 mPa at 20 °C 2.77 mPa at 25 °C 37.74 mPa at 50 °C
pH	3.72, 1 % w/v solution
Solubility in water	< 0.1 mg/L at pH 7.64
n-Octanol/water partition coefficient	logK <sub>ow</sub> = 7.0

The required chemistry data for NewAgco MCPA 2EH 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 it sufficient to support the addition of the new manufacturing site for NewAgco MCPA 2EH Technical.

### **References**

<b>PMRA Document Number</b>	<b>Reference</b>
3241756	2021, Determination of the Physical-chemical properties of MCPA 2-ethylhexyl ester technical grade, DACO: 2.14.1,2.14.10,2.14.11,2.14.12,2.14.13,2.14.14,2.14.15,2.14.2, 2.14.3,2.14.5,2.14.6,2.14.7,2.14.8,2.14.9,830.7000 CBI
3241757	2021, Manufacturing Process of MCPA-2-ethylhexyl ester TC, DACO: 2.11.1,2.11.2,2.11.3,2.11.4 CBI
3241758	2021, Determination of Active Content and Impurity Profile of MCPA-2-ethylhexyl ester, DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI
3241759	2021, Determination of [CBI REMOVED] in MCPA-2-ethylhexyl ester, DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI
3241760	2021, A Study for the Analysis of 5 Batches of MCPA 2-Ethylhexyl Ester for the Presence of Targeted Polychlorinated Dibenzodioxins and Dibenzofurans, DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI

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