

FINAL REGISTRATION REPORT

Part B

Section 10

Assessment of the relevance of metabolites in groundwater

Detailed summary of the risk assessment

Product code: SHA 0100 Y

Product name: DECIDE

Chemical active substance:

Deltamethrin, 50 g/L

Central Zone

Zonal Rapporteur Member State: Poland

CORE ASSESSMENT

Applicant: SHARDA Cropchem España S.L.

Submission date: August 2019

MS Finalisation date: 07.2021; 04.2022

Version history

When	What
07.2021	Assessment by expert
April 2022	ZRMS assessment after commenting

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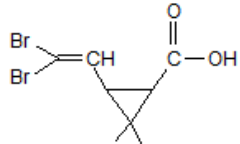
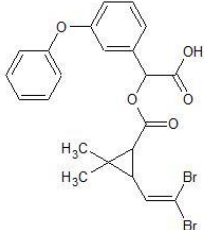
10 Relevance of metabolites in groundwater

10.1 General information

The metabolites BR₂CA and D-COOH are predicted to occur in groundwater at concentrations below 0.1 µg/L (see dRR Part B8, Chapter 8.8). Assessment of the relevance of these metabolites according to the stepwise procedure of the EC guidance document SANCO/221/2000 –rev.10 is therefore not required.

General information on the metabolites are provided in Table 10.1-1. The impact of the relevance assessment on whether a particular GAP use leads to acceptable risk or not is presented in the summary of the cGAP evaluation in chapter 8.8 of the dRR Part B, Section 8 (Environmental fate and behaviour).

Table 10.1-1: General information on the metabolite(s)

Name of active substance	Metabolite name and code	Structural/molecular formula	Trigger for relevance assessment	
Deltamethrin	BR₂CA decamethrinic acid		Max PEC _{gw} Based on:	< 0.001 µg/L All PEARL and PELMO scenarios
Deltamethrin	D-COOH (1R, cis)-α-[[[3-(2,2-dibromoethenyl)-2,2-dimethylcyclopropyl]carbonyl]oxy]-3-phenoxy-benzeneacetic acid		Max PEC _{gw} Based on:	< 0.001 µg/L All PEARL and PELMO scenarios

10.2 Relevance assessment of BR₂CA

Not relevant.

10.3 Relevance assessment of D-COOH

Not relevant.

According to the Review report for the active substance deltamethrin 6504/VI/99-final 17 October 2002

“Metabolism in animals: Moderately metabolised. Cleavage of ester bound, hydroxylation and conjugation.”

And then assessment of the relevance of these metabolites according to the stepwise procedure of the EC guidance document SANCO/221/2000 –rev.10 is therefore not required

Appendix 1 Lists of data considered in support of the evaluation

Appendix 2 Additional information