

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2019-6066
Application: Application subject to the Protection of Proprietary Interests in Pesticide Data Policy
Product: UPL Cloquintocet Mexyl Technical
Registration Number: 33993
Active ingredients (a.i.): Cloquintocet-Mexyl
PMRA Document Number: 3113316

Purpose of Application

The purpose of this application was to register two new sources of cloquintocet-mexyl, based on precedent, under the name UPL Cloquintocet Mexyl Technical.

Chemistry Assessment

Common Name: Cloquintocet-mexyl
IUPAC* Chemical Name: (RS)-1-methylhexyl (5-chloroquinolin-8-yloxy)acetate
CAS† Chemical Name: 1-methylhexyl 2-[(5-chloro-8-quinolinyl)oxy]acetate

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

UPL Cloquintocet Mexyl Technical has the following properties:

Property	Result
Colour and physical state	Off-white solid (powder)
Nominal concentration	97.0%
Odour	Odourless
Density	1.05 g/cm ³
Vapour pressure	5.31 × 10 ⁻³ mPa
pH	6.55 (1% solution)
Solubility in water	0.59 g/mL (25°C, unbuffered)
n-Octanol/water partition coefficient	Log K _{ow} = 5.03

The required chemistry data for UPL Cloquintocet Mexyl 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 register UPL Cloquintocet Mexyl Technical.

References

PMRA

Document

Number	Reference
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2018988	2011, Manufacture of Cloquintocet mexyl Technical List of Raw materials, DACO: 2.11.2 CBI
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