

Evaluation Report for Category B, Subcategory 1.1. 1.3 Application

Application Number: 2020-2026
Application: Changes TGAI Chemistry-New Source(site) and Specifications
Product: Adama Cloquintocet-Mexyl Technical
Registration Number: 33075
Active ingredients (a.i.): Cloquintocet-mexyl
PMRA Document Number: 3253536

Purpose of Application

The purpose of this application was to register a new source of cloquintocet-mexyl

Chemistry Assessment

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

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

ADAMA Cloquintocet-mexyl Technical has the following properties:

Property	Result
Colour and physical state	Pale yellow solid
Nominal concentration	96.3 %
Odour	Faint odour
Density	1.05 g/cm ³
Vapour pressure	5.31 x 10 ⁻⁶ Pa (25°C)
pH	5.42 (1% dispersion)
Solubility in water	0.6 mg/L
n-Octanol/water partition coefficient	log P = 5.2 at 25°C

The required chemistry data for ADAMA Cloquintocet-mexyl Technical have been provided, reviewed, and found to be acceptable.

Health Assessments

The new source was considered chemically equivalent to the precedent product; therefore, no new toxicological information were required.

Occupational and residue assessments were not required for this application.

Environmental and Value Assessment

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 a new source of cloquintocet-mexyl for ADAMA Cloquintocet-mexyl Technical.

References

PMRA

Document

Number	Reference
3124440	2019, Revised Production Chemistry of Cloquintocet-Mexyl TGAI Document No: [Privacy Removed] September 2019, DACO:2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 CBI
3124441	2019, Preliminary Analysis and Enforcement Analytical Method of Cloquintocet mexyl TGAI, DACO: 2.12.1, 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
3124442	2019, Preliminary Analysis and Enforcement Analytical Method of Cloquintocet mexyl TGAI, DACO: 2.12.1, 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI

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