

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2019-6248
Application: Submission Subject to *Protection of Proprietary Interests in Pesticide Data* Policy- Equivalency/Data Compensation Assessment
Product: Albaugh Cloquintocet-mexyl Technical
Registration Number: 34292
Active ingredient (a.i.): Cloquintocet-mexyl
PMRA Document Number : 3130788

Purpose of Application

The purpose of this application was to register Albaugh Cloquintocet-mexyl Technical, a new safener based on a precedent.

Chemistry Assessment

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

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Albaugh Cloquintocet-mexyl Technical has the following properties:

Property	Result
Colour and physical state	Colourless solid (crystals)
Nominal concentration	97.8%
Odour	Pungent smell
Density	1.05-1.21 g/mL
Vapour pressure	0.086 mPa at 20°C
pH	4.88
Solubility in water	0.6 mg/L (pH 7.0)
n-Octanol/water partition coefficient	Log P _{ow} = 5.2

The required chemistry data for Albaugh 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 support the registration of Albaugh Cloquintocet-mexyl Technical.

References

PMRA Document Number	References
3051710	2019, Cloquintocet-mexyl TGAI Product Identity and Composition, DACO: 2.1,2.11.1,2.11.2,2.11.3,2.11.4,2.12.1,2.2,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9 CBI
3051711	2019, Cloquintocet-mexyl TGAI Product Identity and Composition, DACO: 2.1,2.11.1,2.11.2,2.11.3,2.11.4,2.12.1,2.2,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9 CBI
3051712	2019, Preliminary Analysis and Enforcement Analytical Method of Cloquintocet mexyl TGAI, DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI
3051713	2019, Chemical and Physical Characterization of Cloquintocet mexyl TGAI: Color, Physical State, Odor, Accelerated Storage Stability, Melting Point, Partition Coefficient, Solubility, pH, Density, Dissociation Constant, UV-Vis, Vapor Pressure, Oxidation/Reduction, DACO: 2.14.1,2.14.10,2.14.11,2.14.12,2.14.13,2.14.14,2.14.15,2.14.2,2.14.3,2.14.4,2.14.6,2.14.7,2.14.8,2.14.9,830.7000
3051714	2016, Determination of Active Content and Impurity Profile of Cloquintocet-Mexyl, DACO: 2.12.1,2.13.1,2.13.2,2.13.3,2.13.4 CBI

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