

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2023-0613
Application: Application Subject to the Protection of Proprietary Interests in Pesticide Data (PIIP) Policy - Equivalency/Data Compensation Assessment
Product: CAC Trifloxystrobin Technical
Registration Number: 35135
Active ingredient (a.i.): Trifloxystrobin
PMRA Document Number: 3533799

Purpose of Application

The purpose of this application was to register a new source of trifloxystrobin, CAC Trifloxystrobin Technical, based on a registered precedent product.

Chemistry Assessment

Common Name: Trifloxystrobin
 IUPAC* Chemical Name: methyl (2*E*)-(methoxyimino)(2-{{{(1*E*)-1-[3-(trifluoromethyl)phenyl]ethylidene} amino)oxy}methyl}phenyl)acetate
 CAS† Chemical Name: methyl (α *E*)- α -(methoxyimino)-2-[[[(1*E*)-1-[3-(trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]benzeneacetate

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

CAC Trifloxystrobin Technical has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	98.6%
Odour	Odourless
Density	1.3611-1.3936 g/cm ³ at 20°C
Vapour pressure	3.4 × 10 ⁻³ mPa at 25°C
pH	5.92
Solubility in water	0.61 mg/L

Property	Result
n-Octanol/water partition coefficient	$\log K_{ow} = 4.5$

The required chemistry data for CAC Trifloxystrobin 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 acceptable to support the registration of CAC Trifloxystrobin Technical.

References

PMRA

Document

Number	Reference
3435763	2021, Qualitative and Quantitative Profile of Trifloxystrobin Technical (Five Batch Analysis), DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI
3435764	2021, Physical State of Trifloxystrobin technical, DACO: 2.14.1,2.14.2, 2.14.3 CBI
3435765	2021, Melting point or range of Trifloxystrobin technical, DACO: 2.14.4 CBI
3435766	2021, Determination of the Relative Density of Trifloxystrobin technical, DACO: 2.14.6 CBI
3435767	2021, Determination of the pH value of an aqueous solution of Trifloxystrobin technical, DACO: 2.14.15,830.7000 CBI
3435768	2021, Accelerated Storage Stability and Corrosion Characteristics of Trifloxystrobin technical, DACO: 2.14.14 CBI
3435772	2023, Chemistry Information and Manufacturing Method for CAC Trifloxystrobin Technical, DACO: 2.1,2.2,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9,3.0 CBI
3435774	2021, Amendment 01-Qualitative and Quantitative Profile of Trifloxystrobin Technical (Five Batch Analysis), DACO: 2.13.3 CBI
3435775	2023, Amendment 02-Qualitative and Quantitative Profile of Trifloxystrobin Technical (Five Batch Analysis), DACO: 2.13.3 CBI
3435776	[Privacy removed], 2023, Physical and Chemical Properties of Trifloxystrobin Technical, DACO: 2.14.10,2.14.11,2.14.12,2.14.7,2.14.8, 2.14.9

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