



Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2018-1757
Application: Submissions Subject to Protection of Proprietary Interests in Pesticide Data Policy-Equivalency/Data Compensation Assessment
Product: NewAgco Acetamiprid Technical
Registration Number: 33521
Active ingredient (a.i.): Acetamiprid
PMRA Document Number: 2980164

Purpose of Application

The purpose of this application was to register a new source of acetamiprid, NewAgco Acetamiprid Technical, by a new registrant.

Chemistry Assessment

Common Name: acetamiprid
IUPAC* Chemical Name: (E)-N¹-[(6-chloro-3-pyridyl)methyl]-N²-cyano-N¹-methylacetamidine
CAS† Chemical Name: (1E)-N-[(6-chloro-3-pyridinyl)methyl]-N'-cyano-N-methylethanimidamide

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

NewAgco Acetamiprid Technical has the following properties:

Property	Result
Colour and physical state	White crystalline solid
Nominal concentration	99.34%
Odour	Odourless
Density	1.33 g/mL
Vapour pressure	<1 x 10 ⁻³ mPa at 25°C
pH	5.58
Solubility in water	4.25 g/L (20-25°C)

Property	Result
n-Octanol/water partition coefficient	$\log K_{ow} = 0.8$

The required chemistry data for NewAgco Acetamiprid 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 it sufficient to support the registration of NewAgco Acetamiprid Technical.

References

PMRA Document Number	References
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2878073	2011, Technology Dossier Production of Technical Acetamiprid, DACO: 2.11,2.11.1,2.11.3 CBI
2878075	2018, Formation of Impurities for Acetamiprid Technical, DACO: 2.11.4 CBI
2878076	2014, Five Batches Analysis of Acetamiprid TC, DACO: 2.12.1,2.13.3 CBI
2878077	Validation of the method for analysis of Acetamiprid
2878078	2015, Determination of Physical-chemical properties of Acetamiprid, DACO: 2.14,2.14.1,2.14.10,2.14.11,2.14.12,2.14.13,2.14.14,2.14.15,2.14.2,2.14.3,2.14.4, 2.14.5,2.14.6,2.14.7,2.14.8,2.14.9 CBI
2950537	2019, Pilot Scale Batch Confirmation, DACO: 2.13.3 CBI

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