

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2021-0797
Application: Submissions Subject to Protection of Proprietary Interests in Pesticide Data Policy/ Data Compensation Assessment
Product: NewAgco Picoxystrobin Technical Fungicide
Registration Number: #####
Active ingredient (a.i.): Picoxystrobin
PMRA Document Number : 3310223

Purpose of Application

The purpose of this application was to register a new source of picoxystrobin, NewAgco Picoxystrobin Technical Fungicide, based on a precedent.

Chemistry Assessment

Common Name: Picoxystrobin
IUPAC* Chemical Name: Methyl (2*E*)-3-methoxy-2-[2-({[6-(trifluoromethyl)-2-pyridyl]oxy}methyl)phenyl]prop-2-enoate
French IUPAC* Chemical Name: (*E*)-3-méthoxy-2-{2-[6-(trifluorométhyl)pyrid-2-yloxyméthyl]phényl}acrylate de méthyle
CAS† Chemical Name: Methyl (αE)- α -(methoxymethylene)-2-[[[6-(trifluoromethyl)-2-pyridinyl]oxy]methyl]benzeneacetate

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

NewAgco Picoxystrobin Technical Fungicide has the following properties:

Property	Result
Colour and physical state	Yellow solid
Nominal concentration	98%
Odour	Odourless
Density	1.375 g/mL
Vapour pressure	0.0055 mPa at 20°C
pH	9.39 (1% solution)
Solubility in water	4.0 mg/L at pH 6.83

Property	Result
n-Octanol/water partition coefficient	log Kow = 3.5648 at pH 6.65 (20.1 °C)

The required chemistry data for NewAgco Picoxystrobin Technical Fungicide 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 provide and has found it sufficient to support the registration of NewAgco Picoxystrobin Technical Fungicide.

References

PMRA Document Number	References
3205194	2021, Manufacturing Process of Picoxystrobin Technical – [CBI Removed], DACO: 2.11, 2.11.1, 2.11.2, 2.11.3 CBI
3205195	2021, Justification of Impurities of Picoxystrobin Technical - [CBI Removed], DACO: 2.11.4 CBI
3205196	2016, Qualitative and Quantitative Profile of the test substance Picoxystrobin (Five Batch Analysis) – [CBI Removed], DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
3205203	2018, Qualitative and Quantitative profile of the active ingredient Picoxystrobin and its impurities of Picoxystrobin Technical - [CBI Removed] (raw data), DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
3205204	2018, Qualitative and Quantitative profile of the active ingredient Picoxystrobin and its impurities of Picoxystrobin Technical - [CBI Removed] (p. 1-51), DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
3205205	2018, Qualitative and Quantitative profile of the active ingredient Picoxystrobin and its impurities of Picoxystrobin Technical - [CBI Removed] (p. 112-230), DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
3205206	2018, Qualitative and Quantitative profile of the active ingredient Picoxystrobin and its impurities of Picoxystrobin Technical - [CBI Removed] (p. 231-352), DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
3205207	2018, Qualitative and Quantitative profile of the active ingredient Picoxystrobin and its impurities of Picoxystrobin Technical - [CBI Removed] (p. 242-257), DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI

3205213	2018, Determination of the Solubility in Water and Organic Solvents of Picoxystrobin Technical, DACO: 2.14.7, 2.14.8
3205214	2018, Determination of the Vapour Pressure of Picoxystrobin Technical, DACO: 2.14.9
3205215	2018, Determination of Partition Coefficient (n-octanol/water) (Kow) of Picoxystrobin Technical, DACO: 2.14.11
3205216	2018, Determination of the Melting Point and Range of Picoxystrobin Technical, DACO: 2.14.4
3205217	2018, Determination of Physical State, Appearance, Color and Odor of Picoxystrobin Technical, DACO: 2.14.1, 2.14.2, 2.14.3
3205218	2018, Determination of the pH Value of Aqueous Solution of the Test Substance Picoxystrobin Technical, DACO: 2.14.15,830.7000
3205219	2018, Determination of Relative Density of Picoxystrobin Technical, DACO: 2.14.6
3205220	2018, Determination of Thermal and Air Stability and Corrosion Characteristics of Picoxystrobin Technical, DACO: 2.14.13
3205221	2018, Determination of the Stability to Normal and Elevated Temperatures, Metal and Metal Ions of product Picoxystrobin Technical, DACO: 2.14.13
3205222	2018, Determination of the Dissociation Constant of Picoxystrobin Technical, DACO: 2.14.10
3205223	2018, Determination of the UV-VIS Absorption Spectra of Picoxystrobin Technical, DACO: 2.14.12
3205225	2016, Manufacturing Process and Formation of Impurities of Picoxystrobin Technical – [CBI Removed], DACO: 2.11.1, 2.11.2, 2.11.3 CBI
3299707	2021, Batch Data-Declaration Manufacturing Dates and Batch Production Clarification, DACO: 2.13.3 CBI

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