

Evaluation Report for Category B, Subcategory 1.2 Application

Application Number: 2015-4269
Application: New Technical Grade Active Ingredient Product Chemistry-New source (site) for a new registrant
Product: NewAgco Azoxystrobin Technical
Registration Number: 32429
Active ingredients (a.i.): Azoxystrobin
PMRA Document Number: 2617407

Purpose of Application

The purpose of this application was to register a new source of azoxystrobin (HVB-2), NewAgco Azoxystrobin Technical (guarantee 98.6% azoxystrobin), by a new registrant. This application was based on a fully registered precedent product.

Chemistry Assessment

Common Name: Azoxystrobin
IUPAC* Chemical Name: methyl (2E)-2-(2-{{6-(2-cyanophenoxy)pyrimidin-4-yl}oxy}phenyl)-3-methoxyprop-2-enoate
CAS† Chemical Name: methyl (αE)-2-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]-α-(methoxymethylene)benzeneacetate

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

NewAgco Azoxystrobin Technical has the following properties:

Property	Result
Colour and physical state	Light ivory solid
Nominal concentration	98.6%
Odour	Odourless
Density	1.30385 – 1.31284 g/mL
Vapour pressure	7.67 x 10 ⁻¹⁰ mPa (at 25°C)
pH	5.0 – 8.0
Solubility in water	6.71 mg/L (20°C, pH 6.17)

Property	Result
n-Octanol/water partition coefficient	Log K _{ow} = 2.39

The required chemistry data for NewAgco Azoxystrobin Technical have been provided, reviewed, and found to be acceptable.

Health, Environmental and Value Assessments

Toxicology, occupational and dietary exposure assessments, as well as environmental and value assessments were not required for this application.

Conclusion

The PMRA has review all available information in support of NewAgco Azoxystrobin Technical and found it sufficient to support full registration.

References

- 2559901 2015, [CBI removed] MSDS, DACO: 2.11.2 CBI
- 2559902 2015, [CBI removed] MSDS, DACO: 2.11.2 CBI
- 2559903 2015, [CBI removed] MSDS, DACO: 2.11.2 CBI
- 2559898 2015, Applicant's Name and Office Address, Formulating Plant and address, Trade Name and Dissociation Constant for NewAgco Azoxystrobin Technical, DACO: 2.1,2.14.10,2.2,2.3
- 2559899 2015, Applicant's Name and Office Address, Formulating Plant and address, Trade Name and Dissociation Constant for NewAgco Azoxystrobin Technical, DACO: 2.1,2.14.10,2.2,2.3 CBI
- 2559904 2015, [CBI removed] MSDS, DACO: 2.11.2 CBI
- 2559912 2015, Chemical and Physical Characterization of Azoxystrobin TGAI: Color, Physical State, Odor, Density, pH, Melting Point, UV-Vis, Partition Coefficient, Solubility, Vapor Pressure, Stability and Corrosion Characteristics, DACO: 2.13.1,2.14.1,2.14.11,2.14.12,2.14.13,2.14.14,2.14.15,2.14.2,2.14.3,2.14.4,2.14.6, 2.14.7,2.14.8,2.14.9,2.4,2.5,2.6,2.7,2.8,2.9,830.7000 CBI
- 2559910 2015, JUSTIFICATION OF IMPURITIES: AZOXYSTROBIN TECHNICAL GRADE MATERIAL, DACO: 2.11.4 CBI
- 2559900 2015, MANUFACTURE PROCESS AND SYNTHESIS PATHWAY: Azoxystrobin Technical Grade Material, DACO: 2.11.1,2.11.2,2.11.3 CBI
- 2559905 2015, [CBI removed] MSDS, DACO: 2.11.2 CBI
- 2559906 2015, [CBI removed] MSDS, DACO: 2.11.2 CBI
- 2559911 2015, Preliminary Analysis and Enforcement Analytical Method of Azoxystrobin TGAI, DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI
- 2559907 2015, [CBI removed] MSDS, DACO: 2.11.2 CBI
- 2559908 2015, [CBI removed] MSDS, DACO: 2.11.2 CBI
- 2559909 2015, [CBI removed] MSDS, DACO: 2.11.2 CBI

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