

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2011-1538
Application: B.1.1 (Product chemistry - new source same registrant)
Product: Azoxystrobin Technical
Registration Number: 26152
Active ingredients (a.i.): Azoxystrobin (AZY)
PMRA Document Number English PDF: 2093331

Purpose of Application

The purpose of this application was to add a new source to Azoxystrobin Technical (Registration number 26152).

Chemistry Assessment

Common Name: Azoxystrobin
IUPAC Chemical Name: Methyl (2*E*)-2-{2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate
CAS Chemical Name: Methyl (αE)-2-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]- α -(methoxymethylene)benzeneacetate

Azoxystrobin Technical has the following properties:

Property	Result
Colour and physical state	Pale brown solid
Nominal concentration	96%
Odour	No characteristic odour
Density at 25°C	1.25 g/cm ³
Vapour pressure at 20°C	1.1 × 10 ⁻¹⁰ Pa (by extrapolation)
pH	6.3-6.4 (1% dispersion)
Solubility in water	6.0 mg/L
n-Octanol/water partition coefficient	Log K _{ow} = 2.5

The chemistry requirements for Azoxystrobin Technical have been completed.

Health, Environmental and Value Assessments

Health, environmental and value assessments were not required for this application.

Conclusion

The PMRA has completed a review of all available information and is able to support the addition of a new source to Azoxystrobin Technical.

References

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- 2038524 2004, Azoxystrobin: The Determination of Azoxystrobin in Technical Materials by Capillary Gas Chromatography, DACO: 2.13.1 CBI
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