

1 Evaluation Report for Category B, Subcategory 1.3 Application

Application Number: 2016-1279
Application: B.1.3 - Change Product Chemistry Specifications
Product: Picoxystrobin Technical Fungicide
Registration Number: 30469
Active ingredients (a.i.): Picoxystrobin
PMRA Document Number: 2705898

Purpose of Application

The purpose of this application was to change the specifications of a manufacturing site for Picoxystrobin Technical Fungicide (PCPA Reg. No. 30469).

Chemistry Assessment

Common Name: Picoxystrobin
IUPAC* Chemical Name: Methyl (2*E*)-3-methoxy-2-[2-[6-(trifluoromethyl)-2-pyridyloxymethyl]phenyl]acrylate
CAS† Chemical Name: Methyl (α *E*)- α -(methoxymethylene)-2-[[[6-(trifluoromethyl)-2-pyridinyl]oxy]methyl]benzeneacetate

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Picoxystrobin Technical Fungicide has the following properties:

Property	Result
Colour and physical state	Cream coloured solid
Nominal concentration	98 %
Odour	No characteristic odour
Density	1.40 g cm ⁻³
Vapour pressure	1.4 × 10 ⁻² mPa at 25°C
pH	7.5
Solubility in water	3.1 mg/L (20°C)
n-Octanol/water partition coefficient	Log K _{ow} = 3.6

Health, Environmental and Value Assessment

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

Conclusion

The required chemistry data for Picoxystrobin Technical Fungicide have been provided, reviewed, and found to be acceptable. The amendments to the product specifications are acceptable for registration.

References

- 2613544 2016, Picoxy Tech - Rationale for PSF change, DACO: 2.12.1
2613543 2016, Picoxy Tech - Analytical Results – [CBI removed], DACO: 2.13.3
2696698 2016, Rationale for [CBI removed] DACO 2.11.4

ISSN: 1911-8082

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