

Evaluation Report for Category B, Subcategories 1.1, 1.3 Application

Application Number: 2020-1648
Application: Changes TGAI Product Chemistry-New Source (site) same registrant; Specifications
Product: ADAMA AZOXYSTROBIN TECHNICAL
Registration Number: 32045
Active ingredient (a.i.): Azoxystrobin
PMRA Document Number : 3264966

Purpose of Application

The purpose of this application is to register a new source of azoxystrobin for ADAMA AZOXYSTROBIN TECHNICAL.

Chemistry Assessment

Common Name: Azoxystrobin
IUPAC* Chemical Name: methyl (2*E*)-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

ADAMA AZOXYSTROBIN TECHNICAL has the following properties:

Property	Result
Colour and physical state	Yellow solid
Nominal concentration	97.5%
Odour	Odourless
Density	1.243-1.332 g/mL
Vapour pressure	9.41 x 10 ⁻⁶ Pa
pH	6-7
Solubility in water	9.8 mg/L
n-Octanol/water partition coefficient	Log K _{ow} = 2.42

The required chemistry data for ADAMA AZOXYSTROBIN TECHNICAL have been provided, reviewed, and found to be acceptable.

Health Assessments

The new source of technical active ingredient is considered chemically equivalent to the precedent product; therefore, no toxicology data were required.

Dietary and occupational exposure risk assessments were not required for this application.

Environmental and Value Assessments

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 acceptable to register the new source of azoxystrobin for ADAMA AZOXYSTROBIN TECHNICAL.

References

PMRA

Document

Number	Reference
3116281	2014, Qualitative and Quantitative Profile of the test substance Azoxystrobin Technical (Five Batch Analysis), DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
3116282	2018, The Synthesis and Impurities of Azoxystrobin TGAI, DACO: 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.2, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 CBI

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