Health Canada Santé Canada

Evaluation Report for Category B, Subcategory 1.2 Application

Application Number: 2017-0063
Application: New TGAI Product Chemistry – New Source (site) New Registrant
Product: Sipcam Azoxystrobin Technical
Registration Number: #####
Active ingredient (a.i.): Azoxystrobin
PMRA Document Number: 2843528

Purpose of Application

The purpose of this application was to register Sipcam Azoxystrobin Technical, a new source of the active ingredient azoxystrobin by a new registrant.

Chemistry Assessment

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

* International Union of Pure and Applied Chemistry
† Chemical Abstracts Service

Sipcam Azoxystrobin Technical has the following properties:

Property	Result
Colour and physical state	Yellow or white powder
Nominal concentration	98.8%
Odour	Faint burnt odour
Density	0.6579 – 0.7455 g/mL at 20ºC
Vapour pressure	1.10×10^{-7} mPa
pH	6.68 at 20ºC

Canada

Property	Result
Solubility in water	6.7 mg/L at pH=7
n-Octanol/water partition coefficient	Log K_{ow} = 2.5

The required chemistry data for Sipcam Azoxystrobin Technical 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 provided and has found the information sufficient to support the registration of Sipcam Azoxystrobin Technical.

References

PMRA Document Number	References
2714696	2017, Applicant and Manufacturer Information, DACO: 2.1, 2.2, 2.3 CBI
2714697	2015, Product Identity and Composition, Description of Materials Used, Description of the Production Process, Discussion of the Formation of Impurities and Certified Limits for Azoxystrobin TG, DACO: 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 CBI
2714698	2015, Determination of the Active Ingredient Content and Impurity Profile of Azoxystrobin, DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
2714699	2012, Analysis of Azoxystrobin Technical With Associated Validation, In Compliance With Good Laboratory Practice, DACO: 2.14.1, 2.14.10, 2.14.12, 2.14.2, 2.14.3, 2.14.6 CBI
2714701	2015, Azoxystrobin TG Physical and Chemical Properties and Waiver Requests, DACO: 2.14.11, 2.14.4, 2.14.7, 2.14.9 CBI
2714703	2015, Physical and Chemical Characteristics of Azoxytrobin Technical, DACO: 2.14.13, 2.14.14 CBI
2824497	2017, Method validation and Toluene content determination in Azoxystrobin Technical, DACO: 2.13.4 CBI

ISSN: 1911-8082