Health Canada Santé Canada

Evaluation Report for Category B, Subcategory 4.6 Application

Application Number: 2021-6182
Application: To Fulfill Conditions of Registration
Product: Revysol Fungicide Technical
Registration Number: 33401
Active ingredient (a.i.): Mefentrifluconazole
PMRA Document Number: 3430911

Purpose of Application

The purpose of this application was to fulfill the conditions of registration for commercial-scale production batch data and to discontinue some manufacturing sites.

Chemistry Assessment

Common Name: mefentrifluconazole
IUPAC* Chemical Name: (2*RS*)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1*H*-1,2,4-triazol-1-yl)propan-2-ol
CAS† Chemical Name: α-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-α-methyl-1*H*-1,2,4-triazole-1-ethanol

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

Revysol Fungicide Technical has the following properties:

Property	Result
Colour and physical state	white crystalline powder
Nominal concentration	98.5%
Odour	odourless
Density	1.468 g/cm^3
Vapour pressure	3.2 x 10^{-6} Pa
pH	6.2
Solubility in water	0.81 mg/L
n-Octanol/water partition coefficient	log K_{ow} = 3.4

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The requirements of registration for this product included the provision of commercial-scale batch data. Data to fulfill this requirement have now been provided, reviewed and found to be acceptable. The required chemistry data for Revysol Fungicide 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 acceptable to amend the registration of Revysol Fungicide Technical.

References

PMRA Document Number	Reference
3292670	2019, Mefentrifluconazole (BAS 750 F) TC/TGAI: Documentation of Equivalency for a new commercial source at [Privacy Removed]), DACO: 2.1,2.11.1,2.11.2,2.11.3,2.11.4,2.12.1,2.13.1,2.13.2,2.13.3,2.13.4,2.16 CBI
3292671	2019, Chemical Analysis of Five Batches BAS 750 F Technical Grade Active Ingredient (TGAI), DACO: 2.13.3 CBI

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