

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2012-2286
Application: [Application type description]
Product: Metconazole Fungicide Technical [GHA]
Registration Number: 29766
Active ingredients (a.i.): metconazole (GHA)
PMRA Document Number: 2226775
PMRA Document Number: 2226773

Purpose of Application

The purpose of this category B.1.1 submission was to add a new manufacturing source for the active ingredient, Metconazole Fungicide Technical.

Chemistry Assessment

Common Name: Metconazole
Chemical Name: 5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol

Metconazole Fungicide Technical has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	97.00
Odour	Odourless
Specific gravity	1.14
Vapour pressure	$< 1.23 \times 10^{-5}$ Pa (20 °C)
pH	Not applicable
Solubility in water	30.4 mg /L at 20°C
n-Octanol/water partition coefficient	$\log K_{ow} = 3.85$

The chemistry requirements for Metconazole Technical Fungicide are complete.

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 in support of the product, Metconazole Fungicide Technical, and has found the information sufficient to add a new manufacturing source for the active ingredient, Metconazole Fungicide Technical.

References

- 2202134 2011, Metconazole Fungicide Technical (KNF-S-474m): Product Chemistry Group A - Composition, Starting Materials, Description of the Production Process, and discussion of the Formation of Impurities – [Privacy information removed] DACO: 2.11.1,2.11.2
- 2202139 2011, Amendment of Suppliers List of Starting Materials for Metconazole Fungicide Technical, Produced at Rallis, India, EPA Registration Number 72078-1, DACO: 2.11.2
- 2202137 2011, Metconazole Fungicide Technical (KNF-S-474m): Product Chemistry Group A - Preliminary Analysis, Certified Limits, and Enforcement Analytical Method - [Privacy information removed], DACO: 2.13,2.13.1,2.13.2,2.13.3,2.13.4 CBI
- 2180001 2012, [CBI REMOVED] Content CofA, DACO: 2.13.3 CBI
- 2180002 2012, Re: Clarification Response for Category A Submission for Metconazole Fungicide Technical (Sub. No. 2010-6216, Reg. No. 29766) Addition of New USC for Seed Treatment and New Source of Technical, DACO: 2.13.3 CBI

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