

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2012-1529
Application: Changes to TGAI - new source, same registrant
Product: Chlorothalonil Technical Fungicide
Registration Number: 27059
Active ingredients (a.i.): Chlorothalonil
PMRA Document Number: 2429171

Purpose of Application

The purpose of this application was to add a new source of active ingredient, chlorothalonil, to Chlorothalonil Technical Fungicide (registration number 27059).

Chemistry Assessment

Common Name: Chlorothalonil
Chemical Name: 2,4,5,6-tetrachloro-1,3-benzenedicarbonitrile

Chlorothalonil Technical Fungicide has the following properties:

Property	Result
Colour and physical state	white powder
Nominal concentration	98.0 %
Odour	slightly pungent
Specific gravity	0.654
Vapour pressure	1.0×10^{-7} (25 °C)
pH	5 - 7
Solubility in water	0.96 mg/L at 25°C
n-Octanol/water partition coefficient	$\log K_{ow} = 3.79$ at 25 °C

The chemistry requirements for Chlorothalonil Technical Fungicide are complete.

Health, Environmental and Value Assessments

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

Conclusion

Following review of the application, the Pest Management Regulatory Agency approved the new source of active ingredient for Chlorothalonil Technical Fungicide.

References

PMRA

Document

Number

Reference

2276728	[CBI removed] CTL Tech (40ppm HCB) Manufacturing Process 20130128., DACO: 2.11 CBI
2276729	[CBI removed] CTL Tech (40ppm HCB) 5-batch analysis [Sipcam 007-2010]., DACO: 2.13 CBI
2276731	[CBI removed] CTL Tech (40ppm HCB) 5Bx QCB&TCBs PSL Study No 35678 20130125., DACO: 2.13.4 CBI
2276730	[CBI removed] CTL Tech (40ppm HCB) 5Bx PCDBF&D ALS Study E1300020 20130121., DACO: 2.13.4 CBI
2425199	2006, Chlorothalonil Technical Material Analytical Profile, DACO: 2.13
2425200	2002, Chlorothalonil Technical Determination of Impurities Validation of the Analytical Method, DACO: 2.13
2425201	2014, Chlorothalonil Technical Method Cipac 288/TC/M/3, DACO: 2.13

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