

Evaluation Report for Category B, Subcategory 4.6 Application

Application Number: 2021-4336
Application: Application to Fulfill Conditions of Registration
Product: Technical Chlorothalonil Fungicide
Registration Number: 25574
Active ingredient (a.i.): Chlorothalonil
PMRA Document Number: 3495601

Purpose of Application

The purpose of this application was to fulfill the conditions of registration for Technical Chlorothalonil Fungicide for commercial-scale batch data.

Chemistry Assessment

Common Name: chlorothalonil
IUPAC* Chemical Name: tetrachloroisophthalonitrile
CAS† Chemical Name: 2,4,5,6-tetrachloro-1,3-benzenedicarbonitrile

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Technical Chlorothalonil Fungicide has the following properties:

Property	Result
Colour and physical state	Colourless solid
Nominal concentration	98.5%
Odour	Odourless
Density	0.7 g/cm ³
Vapour pressure	7.6 x 10 ⁻⁵ Pa (at 25°C)
pH	6 - 9 (1% solution in water)
Solubility in water	0.81 mg/L (20°C)
n-Octanol/water partition coefficient	log K _{ow} = 2.92

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. As such, the chemistry requirements for Technical Chlorothalonil Fungicide have been fulfilled.

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 fulfill the conditions of registration for Technical Chlorothalonil Fungicide.

References

PMRA

Document

Number

Reference

3263813	2021, Chlorothalonil Technical (R44686) - Manufacturing Process Description and Supporting Data (Addendum to Submission 2019-5912), DACO: 2.13.3 CBI
3331023	2022, Confidential Business Information Chlorothalonil Technical Fungicide Reg. No. 25574, DACO: 2.13.4 CBI
3493319	2023, DACO 2.12 Specification and DACO 2.12.1 Establishing Certified Limits, DACO: 2.12,2.12.1 CBI

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