

Evaluation Report for Category B, Subcategory 4.6 Application

Application Number: 2018-1329
Application: Conversion to fulfill conditions of registration on a product with full registration
Product: Myclobutanil Technical Fungicide
Registration Number: 27916
Active ingredient (a.i.): Myclobutanil
PMRA Document Number: 2912743

Purpose of Application

The purpose of this application was to fulfill requirements of registration for Myclobutanil Technical Fungicide.

Chemistry Assessment

Common Name: Myclobutanil
IUPAC* Chemical Name: *rac*-(2*R*)-2-(4-chlorophenyl)-2-(1*H*-1,2,4-triazol-1-ylmethyl)hexanenitrile
CAS† Chemical Name: α -butyl- α -(4-chlorophenyl)-1*H*-1,2,4-triazole-1-propanenitrile

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Myclobutanil Technical Fungicide has the following properties:

Property	Result
Colour and physical state	Pale yellow solid
Nominal concentration	95.5%
Odour	Odourless
Density	1.22 g/cm ³
Vapour pressure	0.198 mPa (at 20°C)
pH	Not provided
Solubility in water at 20–25 °C	115.0 mg/L (pH 9–11), 124.0 mg/L (pH 3), 132.0 mg/L (pH 7)

Property	Result
n-Octanol/water partition coefficient	log K _{ow} = 3.17 (pH 4–9)

The required chemistry data for Myclobutanil Technical Fungicide 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 fulfill the requirements of registration for Myclobutanil Technical Fungicide.

References

PMRA Document Number	References
2867299	2018, Batch Data, DACO: 2.13.3 CBI
2867300	2013, Batch Data, DACO: 2.13.3 CBI
2906936	2018, Batch Data, DACO: 2.13.3 CBI

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