

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2017-3132
Application: Submissions subject to PPIP policy-Equivalency/Data Compensation Assessment
Product: Bromotop T
Registration Number: 33381
Active ingredients (a.i.): Bronopol
PMRA Document Number : 2941009

Purpose of Application

The purpose of this application was to register a technical product of bronopol by a new registrant under the PPIP program.

Chemistry Assessment

Common Name: Bronopol
IUPAC* Chemical Name: 2-bromo-2-nitropropane-1,3-diol
CAS† Chemical Name: 2-bromo-2-nitropropane-1,3-diol

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Bromotop T has the following properties:

Property	Result
Colour and physical state	White Solid
Nominal concentration	99.9 %
Odour	Slightly faint odour
Density	1.311 g/mL
Vapour pressure	1.68 mPa
pH	5.36 (1% solution)
Solubility in water	282.16 g/L
n-Octanol/water partition coefficient	Log K _{ow} = 0.18

The required chemistry data for Bromotop T 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 is able to support the registration of Bromotop T.

References

Studies/Information Provided by Applicant/Registrant

2777108	2012, Specifications, DACO: 2.0,2.1,2.11,2.11.1,2.11.2,2.11.3,2.11.4,2.12,2.12.1,2.13,2.13.1,2.13.2,2.13.3,2.13.4,2.14,2.14.1,2.14.10,2.14.11,2.14.13,2.14.14,2.14.2,2.14.3,2.14.4,2.14.5,2.14.6,2.14.7,2.14.8,2.14.9,2.2,2.3,2.4,2.5,2.6,2.7,2.8,2.9 CBI
2883567	2018, Detailed Production Process Description, DACO: 2.11.2,2.11.3 CBI
2883571	2018, Methodology/Validation, DACO: 2.13.1 CBI
2883572	2015, Confirmation Of Identity, DACO: 2.13.2 CBI
2883573	2015, Confirmation Of Identity, DACO: 2.13.2 CBI
2883574	2015, Confirmation Of Identity, DACO: 2.13.2 CBI
2883575	2018, Batch Data, DACO: 2.13.3 CBI

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