



Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2020-0672
Application: Submissions Subject to Protection of Proprietary Interests in Pesticide Data Policy - Equivalency/ Data Compensation Assessment
Product: Metribuzin Technical
Registration Number: 34340
Active ingredient (a.i.): Metribuzin
PMRA Document Number : 3260233

Purpose of Application

The purpose of this application was to register Metribuzin Technical, a new source of the active ingredient metribuzin, based on precedent.

Chemistry Assessment

Common Name: Metribuzin
IUPAC* Chemical Name: 4-amino-6-*tert*-butyl-3-(methylthio)-1,2,4-triazin-5(4*H*)-one
CAS† Chemical Name: 4-amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4*H*)-one

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Metribuzin Technical has the following properties:

Property	Result
Colour and physical state	Off white solid
Nominal concentration	97.7%
Odour	Sulfurous odour
Density	0.459 g/mL
Vapour pressure	0.121 mPa
pH	6.6 – 6.65
Solubility in water	1.43 mg/mL
n-Octanol/water partition coefficient	Log Kow = 1.73

The required chemistry data for Metribuzin Technical 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 it sufficient to support the registration of Metribuzin Technical.

References

PMRA Document Number	References
3093629	2020, Metribuzin Technical (ASF282) Document J, DACO: 2.11.1,2.11.3, 2.11.4, 2.12.1,2.12.2,2.13.3,2.13.4,2.2 CBI
3093631	2020, Metribuzin Technical (ASF282) Physico-Chemical Studies of the Pure and Technical Substance, DACO: 2.13.2,2.14.1,2.14.10,2.14.11,2.14.12, 2.14.13, 2.14.14,2.14.2,2.14.3,2.14.4,2.14.6,2.14.7,2.14.8,2.14.9,8.2.3.2
3250891	2021, Metribuzin Technical (ASF282) - Document J - Confidential Information [CBI Removed], DACO: 2.11.1,2.11.2,2.11.3,2.11.4 ,2.12.1,2.12.2, 2.13.1, 2.13.3,2.13.4,2.2 CBI
3250892	2021, Determination of Impurities in the Five Batch Analysis of Metribuzin Technical, DACO: 2.13.3,2.13.4 CBI
3250893	2021, Five Batch Analysis Metribuzin Technical, DACO: 2.13.3, 2.13.4 CBI

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