

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2022-1413
Application: Changes to Technical Grade Active Ingredient – New Source(site) same registrant
Product: Metribuzin Technical
Registration Number: 34340
Active ingredient (a.i.): Metribuzin
PMRA Document Number: **3493417**

Purpose of Application

The purpose of this application was to add a new manufacturing site to Metribuzin Technical.

Chemistry Assessment

Common Name: metribuzin
 IUPAC* Chemical Name: 4-amino-6-tert-butyl-3-(methylthio)-1,2,4-triazin-5(4H)-one
 CAS† Chemical Name: 4-amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-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 K _{ow} = 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 the information acceptable to add a manufacturing site to Metribuzin Technical.

References

PMRA Document Number	Reference
3339273	2022, Metribuzin Technical (ASF282) - Manufacturing Process Description and Supporting Data, DACO: 2.1,2.11,2.11.1,2.11.2,2.11.3,2.11.4,2.12,2.12.1,2.13,2.13.1,2.13.2,2.13.3,2.13.4,2.2,2.3,2.4,2.5,2.6,2.7,2.8,2.9 CBI
3489081	2023, Confidential Business Information Metribuzin Technical Reg. No. 34340, DACO: 2.12,2.13.3 CBI

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