

Evaluation Report for Category B, Subcategory B.1.1 Application

Application Number: 2007- 4417
Application: B.1.1 : Change TGAI – New Source (site) same registrant
Product: Terbacil Technical Herbicide
Registration Number: 19276
Active ingredients (a.i.): Terbacil
PMRA Document Number: 1642062

Purpose of Application

The purpose of this application is to register a new site of manufacture for Terbacil Technical Herbicide (Reg. No. 19276) by the same registrant.

Chemistry Assessment

Common Name: Terbacil
Chemical Name: 3-tert-butyl-5-chloro-6-methyluracil

Terbacil Technical Herbicide has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	98%
Odour	Odourless
Density @ 25°C	1.40 g/cm ³
Vapour pressure @ 20°C	4.06 x 10 ⁻⁶ Pa
pH	7.7 (1% solution)
Solubility in water @ 20°C	<u>pH</u> <u>solubility (g/L)</u>
	4.0 0.769
	7.0 0.659
n-Octanol/water partition coefficient (K _{ow})	<u>pH</u> <u>log K_{ow}</u>
	4.0 2.05
	7.0 2.12
	9.0 2.03

The chemistry requirements for Terbacil Technical Herbicide have been completed.

Health, Environment and Value Assessments

As Terbacil Technical Herbicide is currently registered, health, environmental and value assessments were not required.

Conclusion

The new site of manufacture of Terbacil Technical Herbicide is acceptable for full registration.

References

7.1.1 Studies/Information Provided by Applicant/Registrant

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