



Evaluation Report for Category B, Subcategory 1.2 Application

Application Number: 2013-6680
Application: New TGAI Product Chemistry – New Source (Site) New Registrant
Product: Maxim Technical Strychnine
Registration Number: 31756
Active ingredients (a.i.): Strychnine
PMRA Document Number: 2594500

Purpose of Application

The purpose of this application was to register a new source of strychnine by a new applicant. The name of the technical product is Maxim Technical Strychnine.

Chemistry Assessment

Common Name: Strychnine
IUPAC Chemical Name: Strychnidin-10-one
CAS Chemical Name: Strychnidin-10-one

Maxim Technical Strychnine has the following properties:

Property	Result
Colour and physical state	Colourless solid
Nominal concentration	99%
Odour	Odourless
Density	1.36 g/cm ³
Vapour pressure	Negligible
pH	9.5
Solubility in water	143 mg/L
n-Octanol/water partition coefficient	log K _{ow} = 1.93

The chemistry requirements for Maxim Technical Strychnine have been completed.

Health, Environmental and Value Assessments

Health, environmental and value assessments were not required with this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the available information and is able to support the full registration of a new source of the active ingredient strychnine by a new applicant. The product's name is Maxim Technical Strychnine.

References

PMRA Document Number	References
2395879	2014, Chemistry Data for Strychnine (TGAI), DACO: 2.0 (CBI)
2431840	2014, Chemistry Data for Strychnine (TGAI), DACO: 2.0 (CBI)
2474504	2014, Chemistry Data for Strychnine (TGAI), DACO: 2.0 (CBI)

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