



Evaluation Report for Category B, Subcategory 1.1, 1.3 Application

Application Number: 2008-2776
Application: B.1.1 Changes to TGAI Product Chemistry - New Source
B.1.3 Changes to TGAI Product Chemistry- Specifications
Product: Oxadiazon Technical
Registration Number: 23590
Active ingredients (a.i.): Oxadiazon [OXA]
PMRA Document Number: 1807523

Purpose of Application

The purpose of this application was to register three new manufacturing sites for Oxadiazon Technical (Reg. No. 23590) by the current registrant and to change the product specifications, including the guarantee.

Chemistry Assessment

Common Name: oxadiazon
Chemical Name: 3-[2,4-dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3*H*)-one

Oxadiazon Technical has the following properties:

Property	Result
Colour and physical state	beige to brown solid
Nominal concentration	99%
Odour	phenolic
Density/Specific gravity (20°C)	1.30 g/cm ³
Vapour pressure (25°C)	0.1 mPa
pH	N/A since the product is a solid
Solubility in water	1.0 mg/L

Property	Result
n-Octanol/water partition coefficient	Log K _{ow} = 4.91 (20°C)

The chemistry requirements for Oxadiazon Technical have been completed.

Health, Environmental and Value Assessments

Health, environmental and value assessments are not required for this application.

Conclusion

Following the evaluation of all available data, the PMRA is able to support the amendments to the product chemistry of Oxadiazon Technical (Reg. No. 23590).

References List

7.1.1 Studies/Information Provided by Applicant/Registrant

PMRA Document Number	Reference
1618398	2008, Product Chemistry of Oxadiazon Technical, DACO: 2.0,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9
1618399	2008, Product Chemistry of Oxadiazon Technical, DACO: 2.0,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9
1618400	Chemistry data review for the registration of a technical grade of active ingredient (TGAI) or an integrated system product (ISP), DACO: 2.0,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9
1618401	2008, Product Chemistry of Oxadiazon Technical, DACO: 2.0,2.11.2,2.11.3,2.11.4,2.12.1,2.12.2,2.13.1,2.13.3 CBI
1618403	2008, Product Chemistry of Oxadiazon Technical, DACO: 2.0,2.11.2,2.11.3,2.11.4,2.12.1,2.12.2,2.13.1,2.13.3 CBI
1618404	Confidential Appendix A: Manufacturing, Composition and Impurity Information, DACO: 2.0,2.11.2,2.11.3,2.11.4,2.12.1,2.12.2,2.13.1,2.13.3 CBI

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