

Evaluation Report for Category B, Subcategory: 1.1 (new source, same registrant) Application

Application Number: 2005-2310
Application: Category B, subcategory: 1.1 (new source, same registrant)
Product: Maki Bromadiolone Technical Rodenticide
Registration Number: 19145
Active ingredients (a.i.): bromadiolone
PMRA Document Number: 1368192

Background

The original source of Maki Bromadiolone Technical Rodenticide was registered in 1985.

Purpose of Application

The purpose of this application is to register a new (replacement) manufacturing site for Maki Bromadiolone Technical Rodenticide.

Chemistry Assessment

Common Name: Bromadiolone
Chemical Name: 3-[3-(4'-bromo[1,1'-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2*H*-1-benzopyran-2-one

Maki Bromadiolone Technical Rodenticide has the following properties:

Property	Result
Colour and physical state	yellow powder
Nominal concentration	98.5%
Odour	none
Density	1.464 g/cm ³
Vapour pressure	0.002 mPa
pH	5.81 for a 1% aqueous suspension
Solubility in water	19 mg/L
n-Octanol/water partition coefficient	log P = 4.27

The chemistry requirements for Maki Bromadiolone Technical Rodenticide have been completed.

Health and Environmental Assessment

The health and environmental risk profile of the new source of Maki Bromadiolone Technical Rodenticide is expected to be similar to that of the original registered source.

Value assessment

A value assessment is not required for technical grade active ingredient products.

Conclusions

The PMRA has completed an evaluation of the subject application and has determined that the new manufacturing site for Maki Bromadiolone Technical Rodenticide is eligible for registration.

References

Studies/Information Provided by Registrant

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PMRA 1315807. Information requested in Memorandum T-1-223, dated September 30, 1981: Bromadiolone. Lipha Chemicals Inc. 1984-04-30. 24 pp. DACO 2.

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