



Evaluation Report for Category B, Subcategory B.1.1 Application

Application Number: 2006-0390
Application: B.1.1 (Change to Product Chemistry)
Product: **OBPA for Manufacturing Fungicides and Bactericides**
Registration Number: 21021
Active ingredients (a.i.): **10,10'-oxybis(phenoxarsine)** at 97%
PMRA Document Number: 1448726

Background

The original source of OBPA for Manufacturing Fungicides and Bactericides (Reg. No.12320) was first registered in 1973.

Purpose of Application

The purpose of this application is to register a new technical source of OBPA for Manufacturing Fungicides and Bactericides.

Chemistry Assessment

Common Name: 10,10'-oxybisphenoxarsine, Bis(10-phenoxyarsinyl) oxide
IUPAC Chemical Name: 10,10'-oxybis-10H-Phenoxarsine
CAS Chemical Name: 10,10'-Oxydiphenoxarsine

OBPA has the following properties:

Property	Result
Colour and physical state	White or off-white/powder
Nominal concentration	97.0%
Odour	odourless
Specific gravity	1.61
Vapour pressure	<0.00001 mmHg at 100°C
pH	not applicable
Solubility in water	10 ppm
n-Octanol/water partition coefficient	Not provided

The chemistry requirements for OBPA Fungicide are complete.

Health Assessments

Health assessments were not required.

Environmental Assessment

Environmental assessments were not required.

Value Assessment

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

Conclusion

The PMRA has completed an evaluation of the subject application and has found the submitted information sufficient to register a new source of OBPA for Manufacturing Fungicides and Bactericides.

References

Studies/Information Provided by Applicant/Registrant

- 1126273 2006, Applicant and Manufacturers Name and Address, NA, NA, MRID: NA, DACO: 2.1,2.2
- 1126275 Detailed Production, NA, NA, MRID: NA, DACO: 2.11.2,2.11.3
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- 1126277 2006, Certified Limits, NA, NA, MRID: NA, DACO: 2.12.1
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- 1128172 2002, Product Chemistry Series 830; Description of Starting Materials, Rohm and Haas Company, 24P-2002-008, DACO: 2.11.2
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