



Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2013-3368
Application: New/Changes TGAI or ISP Product Chemistry – New Source (site) same registrant
Product: BioSafe M-70 Hydrogen Peroxide Technical Bactericide/Fungicide
Registration Number: 27431
Active ingredients (a.i.): Hydrogen Peroxide
PMRA Document Number : 2431962

Purpose of Application

The purpose of this application was to register a new source of manufacture of BioSafe M-70 Hydrogen Peroxide Technical Bactericide/Fungicide.

Chemistry Assessment

Accepted Name: Hydrogen peroxide
IUPAC Chemical Name: Hydrogen peroxide
CAS Chemical Name: Hydrogen peroxide

BioSafe M-70 Hydrogen Peroxide Technical Bactericide/Fungicide has the following properties:

Property	Result
Colour and physical state	Colourless liquid
Nominal concentration	70%
Odour	Mildly pungent
Density	1.28 g/mL
Vapour pressure	0.91 kPa (20°C)
pH	< 2
Solubility in water	Completely soluble
n-Octanol/water partition coefficient (K_{ow})	$\log K_{ow} = -1.5$

The chemistry requirements for BioSafe M-70 Hydrogen Peroxide Technical Bactericide/Fungicide have been fulfilled.

Health, Environment and Value Assessments

Health, environment 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 registration of a new source of manufacture of BioSafe M-70 Hydrogen Peroxide Technical Bactericide/Fungicide.

References

PMRA Document Number	References
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2318286	2013, DACO 2.11.2 Description of the Starting Materials, DACO: 2.11.2 CBI
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2318290	2001, Albone 70% MS: Product Chemical Identity, Manufacturing Process and Impurities Data, DACO: 2.11.1,2.11.2,2.11.3,2.11.4,2.13.1 CBI
2420394	2001, Albone 70 MS (Hydrogen Peroxide): Product Chemical Identity, Formulating Process and Impurities Data , DACO: 2.11.1,2.11.3,2.11.4 CBI
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2420398	2008, COA [CBI Removed], DACO: 2.11.2 CBI
2420399	2013, COA [CBI Removed], DACO: 2.11.2 CBI
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2420405	2013, [CBI Removed] Albone M-70-2013-FI-FI20130912145600-A-00126142-05176[1], DACO: 2.13.4
2420406	2012, [CBI Removed] Albone M-70-2013-FI-FI20130912145600-A-00126142-05176[1], DACO: 2.13.4
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