

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2017-0264
Application: B.1.1 - New Source Same Registrant
Product: Phostrol 53.6% Fungicide
Registration Number: 30448
Active ingredients (a.i.): Mono- and dibasic sodium, potassium and ammonium phosphites
PMRA Document Number : 2794748

Purpose of Application

The purpose of this application was to register a new source of Phostrol 53.6% Fungicide.

Chemistry Assessment

Common Name: Mono- and dibasic sodium, potassium and ammonium phosphites
IUPAC* Chemical Name:

1. Diammonium hydrogen phosphite
2. Dipotassium hydrogen phosphite
3. Disodium hydrogen phosphite
4. Ammonium dihydrogen phosphite
5. Potassium dihydrogen phosphite
6. Sodium dihydrogen phosphite

CAS† Chemical Name:

1. Phosphonic acid, diammonium salt
2. Phosphonic acid, dipotassium salt
3. Phosphonic acid, disodium salt
4. Phosphonic acid, monoammonium salt
5. Phosphonic acid, monopotassium salt
6. Phosphonic acid, monosodium salt

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Phostrol 53.6% Fungicide has the following properties:

Property	Result
Colour and physical state	Colourless to faint yellow liquid
Nominal concentration	53.6%
Odour	Faint ammonia odour
Density	1.411 g/mL
Vapour pressure	Not applicable

Property	Result
pH	6.5-7.5
Solubility in water	Completely miscible
n-Octanol/water partition coefficient	N/A

The required chemistry data for Phostrol 53.6% Fungicide have been provided, reviewed, and found to be acceptable.

Health, Environment and Value Assessments

Health, environment and value assessments were not required for this application.

Conclusion

The PMRA has reviewed the information provided in support of this new source. Based on the results of this review, the new source is acceptable.

References

- 2530278 2015, Analysis of Phostrol 53.6% Fungicide, DACO: 2.13.1,2.13.2
- 2644440 2016, Excel Spreadsheet - Method Validation KF Titration, DACO: 2.13.1 CBI
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- 2717586 2017, Product Identification for DACO 2.1 and 2.2 for Phostrol 53.6% Fungicide, DACO: 2.1,2.2 CBI
- 2717587 2016, 5-Batch Analysis for Phostrol Fungicide, DACO: 2.12.1,2.13.3 CBI
- 2722537 2002, Description of Materials Used to Produce the Product and Description of the Production Process, DACO: 2.11.1,2.11.2,2.11.3 CBI
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