

Evaluation Report for B, Subcategory 1.1 Application

Application Number: 2020-3898
Application: Changes to Technical Grade Active Ingredient (Product Chemistry)-New Source (site), same registrant
Product: COPPER HYDROXIDE MUP
Registration Number: 30390
Active ingredient (a.i.): Copper (present as copper hydroxide)
PMRA Document Number : 3270259

Purpose of Application

The purpose of this application was to add a new manufacturing site to the registered technical product, COPPER HYDROXIDE MUP.

Chemistry Assessment

Common Name: Copper hydroxide
IUPAC* Chemical Name: Copper (II) hydroxide
CAS† Chemical Name: Copper hydroxide (Cu(OH)₂)

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

COPPER HYDROXIDE MUP has the following properties:

Property	Result
Colour and physical state	Blue powder
Nominal concentration	60.6% copper, present as copper hydroxide
Odour	Odourless
Density	0.701 g/mL (bulk)
pH	7.27 (1 % aqueous suspension)
Solubility in water	0.456 ppm

The required chemistry data for COPPER HYDROXIDE MUP have been provided, reviewed, and found to be acceptable.

Health, Environmental and Value Assessments

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

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to register the new manufacturing site of COPPER HYDROXIDE MUP.

References

PMRA

Document

Number	Reference
3148416	2018, Product Identity and Composition, DACO: 2.11.1,2.11.2,2.11.3,2.11.4 CBI
3148417	2018, Copper Hydroxide MUP: Enforcement Analytical Method for the Determination of Copper Hydroxide [CBI Removed], DACO: 2.13.1 CBI
3148418	2018, Final Study Report for [CBI Removed] Analysis of Copper Hydroxide for [CBI Removed], DACO: 2.12.1,2.13.1,2.13.2,2.13.3 CBI
3148419	2018, Copper Hydroxide MUP: Preliminary Analysis, DACO: 2.12.1,2.13.2, 2.13.3 CBI

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