

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2020-3899
Application: Changes to Technical Grade Active Ingredient Product Chemistry
 – New Source (site) same registrant
Product: Copper Oxychloride Technical-AB
Registration Number: 29864
Active ingredient (a.i.): Copper (present as copper oxychloride)
PMRA Document Number : 3423730

Purpose of Application

The purpose of this application was to register a new source of Copper Oxychloride Technical-AB.

Chemistry Assessment

Common Name: Copper Oxychloride
 IUPAC* Chemical Name: Dicopper chloride trihydroxide
 CAS† Chemical Name: Copper chloride oxide, hydrate

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Copper Oxychloride Technical-AB has the following properties:

Property	Result
Colour and physical state	Green solid
Nominal concentration	58.97% copper
Odour	None
Density	0.846 g/mL
Vapour pressure	Not applicable as the product is a solid
pH	6.62
Solubility in water	1.19 mg/L
n-Octanol/water partition coefficient	This product is not soluble in octanol

The required chemistry data for Copper Oxychloride Technical-AB 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 the information sufficient to support the new source of Copper Oxychloride Technical.

References

PMRA

Document

Number	Reference
3148433	2017, Product Identity and Composition, DACO: 2.11.1,2.11.2,2.11.3,2.11.4, 2.5,2.6,2.7,2.8,2.9 CBI
3148436	2015, Copper Oxychloride - Technical Equivalence Dossier, DACO: 2.11.1, 2.11.4,2.13.1,2.13.2,2.13.3,2.3.1,2.4 CBI
3395166	2022, RCH-0151-2022_BR, DACO: 2.13.4 CBI
3395167	2022, RCH-0182-2022_BR, DACO: 2.13.4 CBI

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