

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2020-0673
Application: Submission subject to the *Protection of Proprietary Interests in Pesticide Data* (PPIP) policy-Equivalency/Data Compensation Assessment
Product: Sharda Copper Oxychloride Technical
Registration Number: 34457
Active ingredient (a.i.): Copper (present as copper oxychloride)
PMRA Document Number: 3262752

Purpose of Application

The purpose of this application was to register the new source of copper, present as copper oxychloride, Sharda Copper Oxychloride Technical, based on a registered precedent product.

Chemistry Assessment

Common Name: Copper Oxychloride
 IUPAC* Chemical Name: dicopper(II) chloride trihydroxide
 CAS† Chemical Name: copper chloride oxide hydrate

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Sharda Copper Oxychloride Technical has the following properties:

Property	Result
Colour and physical state	Bluish green solid
Nominal concentration	58.7 % Copper, present as copper oxychloride
Odour	Odourless
Density	2.86-3.22 g/mL
Vapour pressure	The product is solid.
pH	6.92 (1% dilution)
Solubility in water	1.19 mg/L
n-Octanol/water partition coefficient	Not relevant since the product has negligible solubility in water or n-octanol

The required chemistry data for Sharda Copper Oxychloride Technical have been provided,

reviewed, and found to be acceptable.

Value, Health and Environmental Assessments

Value, health and environmental assessments were not required for this submission.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the registration of Sharda Copper Oxychloride Technical.

References

PMRA Document Number	Reference
3092636	2017, Copper Oxychloride Technical: Validation of the Analytical Method for the Determination of the Active Ingredient Content, DACO: 2.13.1 CBI
3092637	2017, Copper Oxychloride Technical: Complete Analysis of Five Batch Samples, DACO: 2.13.2, 2.13.3, 2.13.4 CBI
3092638	2017, Copper Oxychloride Technical: Spectroscopic Characterisation of Five Batch Samples, DACO: 2.13.3 CBI
3092640	2020, DACO 2 Extras - Sharda Copper Oxychloride Technical, DACO: 2.1, 2.14.11, 2.2, 2.3 CBI
3092641	2020, DACO 2 Extras - Sharda Copper Oxychloride Technical (Parent), DACO: 2.1, 2.14.11, 2.2, 2.3
3092643	2019, Solubility in Water and Organic Solvents - Copper Oxychloride TGAI, DACO: 2.14.7, 2.14.8 CBI
3092644	2019, Estimate of Vapour Pressure - Copper Oxychloride TGAI, DACO: 2.14.9 CBI
3092645	2019, Physiochemical Properties of Copper Oxychloride Technical, DACO:2.14.1, 2.14.10, 2.14.12, 2.14.15, 2.14.2, 2.14.3, 2.14.4, 2.14.6, 2.16, 830.7000 CBI
3092646	2019, Stability to Normal and Elevated temperatures, Metals, Metal Ions and Corrosion Characteristics of Copper Oxychloride Technical, DACO: 2.13.1, 2.13.2, 2.14.13, 2.14.14, 2.16 CBI
3092648	2020, Manufacturing Description - Copper Oxychloride TGAI, DACO: 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.12.1, 2.4,2.5, 2.6, 2.7, 2.8, 2.9 CBI
3237796	2020, Description Of Manufacturing Process and Impurities Information of Technical Copper Oxychloride , DACO: 2.11.1, 2.11.2, 2.11.3, 2.11.4 CBI
3237797	2021, Determination of [CBI Removed] in Copper Oxychloride., DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
3237798	2017, Copper Oxychloride Technical: Validation of the Analytical Method for the Determination of the Significant Impurities Content [CBI Removed] DACO: 2.13.1, 2.13.4 CBI

3237799	2017, Copper Oxychloride Technical: Validation of the Analytical Method for the Determination of [CBI Removed], DACO: 2.13.1, 2.13.4 CBI
3253211	2021, Description of Manufacturing Process and Impurities Information of Technical Copper Oxychloride, DACO: 2.11.1, 2.11.2, 2.11.3, 2.11.4 CBI
3319245	2022, Determination of [CBI Removed] in Copper oxychloride Technical (5-batches), DACO: 2.13.1, 2.13.3, 2.13.4 CBI

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