

Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4, 2.5 - S - N - EP Application

Application Number: 2007-0770
Application: New liquid formulation for a previously registered product
Product: Pool Drops Liquid Algicide Plus 6%
Registration Number: 29872
Active ingredients (a.i.): Copper as elemental present as copper sulphate (CUS)
PMRA Document Number: 1967279

Purpose of Application

The purpose of this application was to register a new copper-based swimming pool algicide, Pool Drops Liquid Algicide Plus 6%.

Chemistry Assessment

Pool Drops Liquid Algicide Plus 6% is a liquid containing the active ingredient copper, present as copper sulfate at a nominal concentration of 6 %. This product has a density of 1.21 – 1.24 g/mL and pH of 8.7. The chemistry requirements for Pool Drops Liquid Algicide Plus 6% have been completed.

Health Assessments

A health assessment has been conducted for Pool Drops Liquid Algicide Plus 6%. No increase in exposure to either handlers or swimmers is expected to result from the use of this product compared to other registered products.

Pool Drops Liquid Algicide Plus 6% is not considered to present any additional acute toxicological risk relative to other copper sulphate alginides currently registered for use in swimming pools.

A food residue exposure assessment was not required for this application.

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

Pool Drops Liquid Algicide Plus 6% is to be used as a swimming pool algicide. Efficacy trials were not required on the basis that the rate for this product was within the acceptable range for copper swimming pool algicides, which are 0.2-1.0 ppm, when used in combination with a registered chlorine or bromine based sanitizer. Therefore, the use of Pool Drops Liquid Algicide Plus 6% as a swimming pool algicide was supported.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of information available in support of Pool Drops Liquid Algicide Plus 6% and has found the product eligible for full registration.

References

PMRA Doc. # Reference

- 1375339 1994, Evaluate the efficacy of Pool Drops Liquid Algicide Plus, DACO 10.2.3.4, DACO 10.3.2
- 1415540 2004, DACO 3.5.10, Storage Stability Data, DACO: 3.5.10 CBI
- 1415541 2007, Dielectric Breakdown Voltage. DACO 3.5.15, DACO: 3.5.15 CBI
- 1415542 2007, DACO 3.1.1, 3.1.2, 3.2.1, 3.3.1, DACO: 3.1.1,3.1.2,3.3.1 CBI
- 1415543 2007, DACO 3.3.1, DACO: 3.3.1 CBI
- 1415544 2007, Enforcement Analytical Method, DACO: 3.4.1,3.5.11,3.5.12,3.5.13,3.5.14,3.5.6,3.5.8,3.5.9 CBI
- 1644850 2008, DACO 3.5.10, Storage Stability Data, DACO: 3.5.10 CBI
- 1679846 2008, DACO 4.6.1-4.6.6 Acute Oral, Acute Dermal, Acute Inhalation, Dermal Irritation, Eye Irritation and Skin Sensitization. DACO 4.6.8 Other
- 1679848 2008, PMRA Canadian Product Registration of Pool Drops Liquid Algicide Plus 6%
- 1682324 2007, Emergency and Continuous Exposure Guidance Levels for Selected Submarine Contaminants
- 1375339 1994, Evaluate the efficacy of Pool Drops Liquid Algicide Plus. DACO 10.2.3.4, DACO 10.3.2

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