

## Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4 Application

**Application Number:** 2016-3269  
**Application:** New EP Product Chemistry-Guarantee, New EP Product Chemistry-Identity of Formulants, New EP Product Chemistry-Proportion of Formulants  
**Product:** TCCA DCCNA Cuivre  
**Registration Number:** 32980  
**Active ingredients (a.i.):** Available chlorine (present as trichloro-s-triazinetrione, Available chlorine (present as sodium dichloro-s-triazinetrione) and Copper (present as copper sulfate pentahydrate)  
**PMRA Document Number:** 2738496

### Purpose of Application

The purpose of this application was to register a product, TCCA DCCNA Cuivre, containing chlorine, present trichloro-s-triazinetrione and as sodium dichloro-s-triazinetrione, and copper to be used as a sanitizer and algacide maintenance product in domestic swimming pools.

### Chemistry Assessment

TCCA DCCNA Cuivre is formulated as tablets containing available chlorine present as trichloro-s-triazinetrione and sodium dichloro-s-triazinetrione at 76.7%, and copper, present as copper sulfate pentahydrate at 0.38%. This end-use product has a density of 1.20 -1.4 g/mL and pH of 5.5-7.0. The required chemistry data for TCCA DCCNA Cuivre have been provided, reviewed and found to be acceptable.

### Health Assessments

This end-use product is expected to be moderately acutely toxic via the oral and inhalation route, but of low acute dermal toxicity. It is expected to be corrosive to the eyes and severely irritating to the skin. TCCA DCCNA Cuivre is not expected to be a potential dermal sensitizer.

The use of the new end-use product TCCA DCCNA Cuivre in swimming pools is not expected to result in potential homeowner or bather exposure greater than that of the registered uses of available chlorine present as trichloro-s-triazinetrione and sodium dichloro-s-triazinetrione, and copper, present as copper sulfate pentahydrate. No risks of concern are expected when homeowners follow label directions and wear personal protective equipment as stated on the label.

## **Environmental Assessment**

An environmental assessment was not required for this application.

## **Value Assessment**

Value information was provided to support the use of TCCA DDCNA Cuivre, which function as a routine chlorine sanitizer and an algaecide maintenance product in domestic swimming pools provided that the free available chlorine is maintained between 1 and 3 ppm and copper levels are within the range of 0.2-1.0 ppm.

## **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 the end-use product, TCCA DDCNA Cuivre.

## References

### Studies/Information Provided by Applicant/Registrant

<b>PMRA Document Number</b>	<b>Reference</b>
2654749	2016, value summary, DACO: 10.1
2654750	2016, non-safety adverse effects, DACO: 10.3.2
2654747	2016, acute studies, DACO: 4.6
2654720	2016, applicants name and office address, DACO: 3.1.1 CBI
2654721	2016, formulating plants name and address, DACO: 3.1.2 CBI
2654722	2016, trade name, DACO: 3.1.3 CBI
2654723	2016, description of starting materials, DACO: 3.2.1 CBI
2654724	2016, description of the formulation process, DACO: 3.2.2 CBI
2654725	2016, discussion of the formation of impurities, DACO: 3.2.3 CBI
2654726	2016, enforcement analytical method, DACO: 3.4.1 CBI
2654728	2016, establishing certified limits, DACO: 3.3.1 CBI
2654729	2016, colour, DACO: 3.5.1 CBI
2654731	2016, physical state, DACO: 3.5.2 CBI
2654732	2016, odour, DACO: 3.5.3 CBI
2654733	2016, formulation type, DACO: 3.5.4 CBI
2654734	2016, container material and description, DACO: 3.5.5 CBI
2654735	2016, density, DACO: 3.5.6 CBI
2654737	2016, pH, DACO: 3.5.7 CBI
2654739	2016, oxidizing or reducing action, DACO: 3.5.8 CBI
2654740	2016, viscosity, DACO: 3.5.9 CBI
2654741	2016, storage stability data, DACO: 3.5.10 CBI
2654742	2016, flammability, DACO: 3.5.11 CBI
2654743	2016, explosibility, DACO: 3.5.12 CBI
2654744	2016, miscibility, DACO: 3.5.13 CBI
2654745	2016, corrosion characteristics, DACO: 3.5.14 CBI
2654746	2016, dielectric breakdown, DACO: 3.5.15 CBI
2735695	2017, Density, DACO: 3.5.6 CBI
2735696	2017, pH, DACO: 3.5.7 CBI
2735697	2017, reaction oxydante, DACO: 3.5.8 CBI
2735698	2017, explosion, DACO: 3.5.12 CBI
2735699	2017, corrosion, DACO: 3.5.14 CBI
2735700	2017, corrosion, DACO: 3.4.1 CBI
2735701	2017, starting mat, DACO: 3.2.1 CBI
2735702	2017, Stability data, DACO: 3.5.10 CBI
2735703	2017, Stability data Cuivre, DACO: 3.5.10 CBI
2735704	2017, Stability data rationale, DACO: 3.5.10 CBI
2803535	2017, limites corrigees, DACO: 3.3.1 CBI
2812561	2017, Formulating sites, DACO: 3.1.2 CBI

ISSN: 1911-8082

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