

## Evaluation Report for Category B, Subcategory 1.2 Application

**Application Number:** 2016-7320  
**Application:** New TGAI Product Chemistry - New Source, New Registrant  
**Product:** RBF DCCNA Tablet  
**Registration Number:** 33051  
**Active ingredient (a.i.):** Available chlorine, present as sodium dichloro-S-triazinetriene  
**PMRA Document Number:** 2833893

### Purpose of Application

The purpose of this application was to register a new source of sodium dichloro-s-triazinetriene technical grade active ingredient in tablet form, by a new registrant.

### Chemistry Assessment

**Common Name:** Available chlorine, present as sodium dichloro-s-triazinetriene dihydrate  
**IUPAC\* Chemical Name:** sodium 1,5-dichloro-4,6-dioxo-1,3,5-triazinan-2-olate dihydrate  
**CAS† Chemical Name:** 1,3,5-triazine-2,4,6(1*H*,3*H*,5*H*)-trione, 1,3-dichloro-, sodium salt (1:1), dihydrate

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

RBF DCCNA Tablet has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	56% available chlorine
Odour	Pungent chlorine
Density	1.75 – 2.07 g/cm <sup>3</sup> bulk density
Vapour pressure	Negligible
pH	5.5 – 7.0
Solubility in water	25 g / 100 mL
n-Octanol/water partition coefficient	N/A – insoluble in nonpolar solvents

The required chemistry data for RBF DCCNA Tablet 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 registration of the new source of sodium dichloro-s-triazinetrione by a new registrant.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
2700651	2016, Applicant and Manufacturer Information, DACO: 2.1,2.2
2700655	2016, Appendix 5 -Production Process Description, DACO: 2.11.3 CBI
2700656	2016, Appendix 6 - Certificate of Analysis, DACO: 2.12 CBI
2700657	2016, Appendix 7 - 5 Batch analysis, DACO: 2.13.3 CBI
2740529	2017, New Source of Registered TGAI, DACO: 2.11.4, 2.13.2, 2.14.1, 2.14.10, 2.14.11, 2.14.12, 2.14.13, 2.14.14, 2.14.2, 2.14.3, 2.14.4, 2.14.5, 2.14.6, 2.14.7, 2.14.8, 2.14.9, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 CBI
2740530	2017, Appendix 5 amended, DACO: 2.11.3 CBI
2740531	2017, ASTM D2022 Standard method for bleach analysis, DACO: 2.13.1

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