

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2013-4775
Application: Changes to technical grade active ingredient product chemistry -
 New source (site) same registrant
Product: Sani-Marc TCCA-I
Registration Number: 29253
Active ingredients (a.i.): Available Chlorine (present as Trichloro-S-Triazinetrione)
PMRA Document Number : 2441282

Purpose of Application

The purpose of this application was to add a new manufacturing site to the currently registered product, Sani-Marc TCCA-I (Registration Number 29253; guarantee 90% available chlorine present as trichloro-s-triazinetrione).

Chemistry Assessment

Common Name: Trichloro-s-triazinetrione
IUPAC Chemical Name: 1,3,5-trichloro-1,3,5-triazine-2,4,6(1H,3H,5H)-trione
CAS Chemical Name: 1,3,5-triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro-

Sani-Marc TCCA-I has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	Available chlorine, present as trichloro-s-triazinetrione at 90%
Odour	chlorine
Density	$2.19 \pm 0.1 \text{ g/cm}^3$
Vapour pressure	<0.002 Pa (at 20°C)
pH	2.5-4 (1% solution)
Solubility in water	1.2 g/100g (25°C)
n-Octanol/water partition coefficient	$\log K_{ow} = 0.94$ (est)

The chemistry requirements for Sani-Marc TCCA-I have been fulfilled.

Health, Environmental and Value Assessments

Health, environmental and value assessments were not required for this application.

Conclusion

The PMRA has completed a review of the available information and has found it sufficient to support the addition of a new manufacturing site to the currently registered product, Sani-Marc TCCA-I.

References

PMRA Document Number	Reference
2340824	2013, Applicant's Name and Office Address, DACO: 2.1 CBI
2340825	2013, Manufacturer's Name and Address, DACO: 2.2 CBI
2340826	2013, Manufacturing Summary, DACO: 2.11.1 CBI
2340827	2013, Description of Starting Materials, DACO: 2.11.2 CBI
2340828	2013, Detailed Production Process Description, DACO: 2.11.3 CBI
2340830	2013, Methodology Validation, DACO: 2.13.1 CBI
2340832	2013, Batch Data, DACO: 2.13.3 CBI
2436305	2014, Detailed Production Process Description, DACO: 2.11.3 CBI
2436306	2014, Impurities of Toxicological Concern, DACO: 2.13.4 CBI
2436307	2014, Batch Data DACO: 2.13.3 CBI

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