



Evaluation Report for Category B, Subcategory 1.1 and 1.3 Application

Application Number: 2007-8168
Application: New specifications and new source of a technical grade active ingredient by the same registrant.
Product: Sani-Marc TCCA-II
Registration Number: 29252
Active ingredients (a.i.): Trichloro-s-triazinetrione
PMRA Document Number: 1717082

Purpose of Application

The purpose of this application is to register a new source of the technical grade active ingredient trichloro-s-triazinetrione by the same registrant. The proposed Use Site Category (USC) is # 29, swimming pools.

The active ingredient is fully registered in Canada for use in this Use Site Category and has recently been re-evaluated (see PACR2004-25 and RRD2006-17).

Chemistry Assessment

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

Sani-Marc TCCA-II has the following properties:

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

The chemistry requirements for Sani-Marc TCCA-II have been completed.

Health Assessments

Sani-Marc TCCA II is considered to be moderately acutely toxic to rats via the oral and inhalation routes. It is considered to be of low dermal toxicity to rats. It is considered to be corrosive to the eyes and highly irritating to the skin. Sani-Marc TCCA II is not considered to pose a dermal sensitization hazard.

Environmental Assessment

The technical grade active ingredient trichloro-s-triazinetrione has been previously reviewed and is currently registered for use in swimming pools, thus, an environmental assessment was not required.

Value Assessment

The technical grade active ingredient trichloro-s-triazinetrione has been previously reviewed and is currently registered for use in swimming pools, thus, a value assessment was not required.

Conclusion

The PMRA has completed an assessment of available information for Sani-Marc TCCA II and has found the information sufficient to support a full registration.

References

Studies/Information Provided by Applicant/Registrant

PMRA Document Number	Reference
1515888	Nom et adresse commerciale du demandeur, DACO: 2.1 CBI
1515889	Fabrication, DACO: 2.11.1 CBI
1515890	Description des matieres brutes, DACO: 2.11.2 CBI
1515891	Description detaillee du procede de fabrication, DACO: 2.11.3 CBI
1515892	Expose sur la formation d'impuretes, DACO: 2.11.4 CBI
1515893	Etablissement des limites certifiees, DACO: 2.12.1 CBI
1515894	Methodologie/validation, DACO: 2.13.1 CBI
1515895	Confirmation de l'identite, DACO: 2.13.2 CBI
1515896	Donnees sur les lots, DACO: 2.13.3 CBI
1515897	Impuretes d'importance toxicologique, DACO: 2.13.4 CBI
1515898	Couleur, DACO: 2.14.1 CBI
1515899	Constante de dissolution, DACO: 2.14.10 CBI
1515900	Coefficient de partage octanol/eau, DACO: 2.14.11 CBI
1515901	Spectre d'absorption ultraviolet/visible, DACO: 2.14.12 CBI
1515902	Stabilite, DACO: 2.14.13 CBI
1515903	Donnees sur la stabilite a l'entroposage, DACO: 2.14.14 CBI
1515904	Etat physique, DACO: 2.14.2 CBI
1515905	Odeur, DACO: 2.14.3 CBI
1515906	Point de fusion, DACO: 2.14.4 CBI
1515907	Point d'ebullition, DACO: 2.14.5 CBI
1515909	Densite, DACO: 2.14.6 CBI
1515910	Densite, DACO: 2.14.7 CBI
1515911	Solubilite dans un solvant, DACO: 2.14.8 CBI
1515912	Pression de vapeur, DACO: 2.14.9 CBI
1515913	Autres etudes/donnees/rapports, DACO: 2.16 CBI
1515914	Nom et adresse du fabricant et de l'usine de fabrication, DACO: 2.2 CBI
1515915	Nom commercial, DACO: 2.3 CBI
1515916	Autres noms, DACO: 2.3.1 CBI
1515917	Nom commun, DACO: 2.4 CBI
1515918	Nom chimique, DACO: 2.5 CBI
1515919	Numero de registre du chemical abstract service, DACO: 2.6 CBI
1515921	Formule developpee, DACO: 2.7 CBI
1515922	Formule moleculaire, DACO: 2.8 CBI
1515923	Masse moleculaire, DACO: 2.9 CBI
1710279	2009, [CBI REMOVED] DACO: 2.11.3 CBI
1710280	2009, [CBI REMOVED] DACO: 2.13.1 CBI
1710281	2009, [CBI REMOVED] DACO: 2.13.3 CBI

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