

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2009-0466
Application: B.1.1 – To add a new source by the same registrant
Product: SANI-MARC CHLORE-1
Registration Number: 29583
Active ingredients (a.i.): Calcium hypochlorite (CHC)
PMRA Document Number English PDF: 2020542

Purpose of Application

The purpose of this application is to register a new source of the technical by the same registrant. The new source is to be registered as a separate product under a new registration number.

Chemistry Assessment

Common Name: calcium hypochlorite
Chemical Name: hypochlorous acid, calcium salt (2:1)

SANI-MARC CHLORE-1 has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	Available chlorine 65% present as calcium hypochlorite
Odour	chlorine-like
Density	1.0-1.1 g/cm ³
Vapour pressure	N/A as the product is a solid
pH	11 (1% solution)
Solubility in water	23.4 g/100g (40°C)
n-Octanol/water partition coefficient	N/A as the product is practically insoluble in octanol and not required for an inorganic salt

The chemistry requirements for SANI-MARC CHLORE-1 have been completed.

Health Assessments

The exposure assessments were not required for this application.

The toxicology profile of this new source of calcium hypochlorite technical is expected to be similar to that of the original registered source of calcium hypochlorite technical.

Environmental and Value Assessments

The environmental and value assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the subject application and found the information sufficient to register a new source of calcium hypochlorite technical by the same registrant.

References

PMRA No.	Reference
1721055	2009, SANI-MARC CHLORE-1, DACO: 2.1 (Applicant's Name and Office Address) CBI
1721056	2009, SANI-MARC CHLORE-1, DACO: 2.11.1 (Manufacturing Summary) CBI
1721057	2009, SANI-MARC CHLORE-1, DACO: 2.11.2 (Description Of Starting Materials) CBI
1721058	2009, SANI-MARC CHLORE-1, DACO: 2.11.3 (Detailed Production Process Description) CBI
1721059	2009, SANI-MARC CHLORE-1, DACO: 2.11.4 (Discussion Of Formation Of Impurities) CBI
1721061	2009, SANI-MARC CHLORE-1, DACO: 2.12.1 (Establishing Certified Limits) CBI
1721062	2009, SANI-MARC CHLORE-1, DACO: 2.12.2 (Control Product Specification Form) CBI
1721064	2009, SANI-MARC CHLORE-1, DACO: 2.13.1 (Methodology/Validation) CBI
1721065	2009, SANI-MARC CHLORE-1, DACO: 2.13.2 (Confirmation of Identity) CBI
1721067	2009, SANI-MARC CHLORE-1, DACO: 2.13.3 (Batch Data) CBI
1721068	2009, SANI-MARC CHLORE-1, DACO: 2.14.1 (Colour) CBI
1721069	2009, SANI-MARC CHLORE-1, DACO: 2.14.2 (Physical State) CBI
1721070	2009, SANI-MARC CHLORE-1, DACO: 2.14.13 (Stability (Temperature, Metals)) CBI

1721072 2009, SANI-MARC CHLORE-1, DACO: 2.14.14 (Storage Stability Data) CBI

1721074 2009, SANI-MARC CHLORE-1, DACO: 2.14.3 (Odour) CBI

1721075 2009, SANI-MARC CHLORE-1, DACO: 2.14.4 (Melting Point/Melting Range) CBI

1721076 2009, SANI-MARC CHLORE-1, DACO: 2.14.5 (Boiling Point/Boiling Range) CBI

1721077 2009, SANI-MARC CHLORE-1, DACO: 2.14.6 (Density Or Specific Gravity) CBI

1721078 2009, SANI-MARC CHLORE-1, DACO: 2.14.7 (Water Solubility (mg/L)) CBI

1721079 2009, SANI-MARC CHLORE-1, DACO: 2.15 (Sample Of Analytical Standards) CBI

1721080 2009, SANI-MARC CHLORE-1, DACO: 2.2 (Manufacturer's Name And Office Address And Manufacturing Plant's Name And Address) CBI

1721081 2009, SANI-MARC CHLORE-1, DACO: 2.3 (Product Trade Name) CBI

1721082 2009, SANI-MARC CHLORE-1, DACO: 2.3.1 (Other Names) CBI

1721083 2009, SANI-MARC CHLORE-1, DACO: 2.4 (Common Name) CBI

1721084 2009, SANI-MARC CHLORE-1, DACO: 2.5 (Chemical Name) CBI

1721085 2009, SANI-MARC CHLORE-1, DACO: 2.6 (Chemical Abstracts Registry Number) CBI

1721087 2009, SANI-MARC CHLORE-1, DACO: 2.7 (Structural Formula) CBI

1721089 2009, SANI-MARC CHLORE-1, DACO: 2.8 (Molecular Formula) CBI

1721090 2009, SANI-MARC CHLORE-1, DACO: 2.9 (Molecular Weight) CBI

1721094 2009, SANI-MARC CHLORE-1, DACO: 2.13.3 (Batch Data) CBI

1820003 2009, SANI-MARC CHLORE-1, DACO: 2.11.3 (Detailed Production Process Description) CBI

1820005 2009, SANI-MARC CHLORE-1, DACO: 2.13.1 (Methodology/Validation) CBI

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