

Evaluation Report for Category B, Subcategory 1.2 Application

Application Number: 2007-7464
Application: New source of technical grade active ingredient by a different registrant
Product: Sel de qualité technique
Registration Number: 29189
Active ingredients (a.i.): Sodium chloride at 99.86%
PMRA Document Number: 1695548

Background

The original source of sodium chloride technical grade active ingredient, “Sodium Chloride Technical”, containing 99.86% sodium chloride (Reg. No. 28235) was first registered in 2006.

Purpose of Application

The purpose of this application is to register a new technical source of sodium chloride. This new source of technical grade active ingredient, “Sel de qualité technique” is intended for use in the manufacture of RagWeed Off Herbicide (reviewed under Application No, 2007-7465).

Chemistry Assessment

Common Name: None
IUPAC Chemical Name: Sodium chloride
CAS Chemical Name: Sodium chloride

Sel de qualité technique has the following properties:

Property	Result
Colour and physical state	White translucent crystals
Nominal concentration	99.86%
Odour	Odourless
Density	1.1-1.2 g/cm ³ (at 20°C)
Vapour pressure	1.3 x 10 ⁵ mPa (at 865°C)
pH	6.7-7.3
Solubility in water	357.14 g/L (at 25°C)
n-Octanol/water partition coefficient	Not applicable

The chemistry requirements for Sel de qualité technique have been completed.

Health and Environmental Assessments

The Health and Environmental risk profile of Sel de qualité technique is expected to be similar to that of the original registered technical source of sodium chloride.

Additional studies as a result of product specific registration (data protection) considerations (see Trade Memorandum T-1-249, "Product-Specific Registration and Proprietary Rights to Data") are not required.

Value Assessment

A value assessment is not required for technical grade active ingredient products.

Conclusion

The PMRA has completed an evaluation of the subject application and has determined that Sel de qualité technique is eligible for full registration.

References

Studies/Information Provided by Applicant/Registrant

PMRA Document Number	Reference
1487182	INDEX, DACO: 2.1,2.12.1,2.12.2,2.13.1,2.13.2,2.13.3,2.13.4,2.14.1,2.14.10,2.14.11,2.14.12,2.14.13,2.14.14,2.14.2,2.14.3,2.14.4,2.14.5,2.14.6,2.14.7,2.14.8,2.14.9,2.15,2.2,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9
1487183	MANUFACTURING SUMMARY, DACO: 2.11.1,2.11.2,2.11.3, 2.11.4
1617116	Description fo starting material, DACO: 2.11.2
1617117	Certificate of conformance of Higrade Salt, DACO: 2.13.1,2.13.3,2.13.4

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