

Importation For Manufacturing And Exportation (IMEP) Evaluation Report for Category D.1.0 IMEP Application

Application Number: 2015-6051
Application: Importation for Manufacturing and Exportation Program (IMEP)
Product: 93% Sulphuric Acid
Registration Number: 32293
Active ingredients (a.i.): Sulphuric Acid
PMRA Document Number : 2633857

Purpose of Application

The purpose of this submission was to register a technical active ingredient product, 93% Sulphuric Acid, under the Importation for Manufacturing and Export Program (IMEP).

Chemistry Assessment

Common Name: Sulfuric acid
IUPAC* Chemical Name: tetraoxosulfuric acid
CAS† Chemical Name: sulfuric acid

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

93% Sulphuric Acid has the following properties:

Property	Result
Colour and physical state	Clear liquid
Nominal concentration	94.2%
Odour	Odourless when cold; acrid when heated
Density	1.835 – 1.84 g/mL
Vapour pressure	<0.1 Pa (at 20°C)
pH	<0.1 (neat)
Solubility in water	Completely miscible
n-Octanol/water partition coefficient	Not relevant; strong acid

The required chemistry data for 93% Sulphuric Acid have been provided, reviewed, and found to be acceptable.

Health Assessments

Sulphuric acid is a well-known laboratory chemical. It is considered extremely corrosive and hazardous by all routes of exposure. The hazard signal words and symbols on the label reflect the potential hazards of this chemical.

Exposure assessments were not required for this application.

Environmental and Value Assessments

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 registration of 93% Sulphuric Acid.

References

PMRA Reference Document Number

2581722	2015, Section 2 Data Requirements for a TGAI to be Manufactured in Canada for Export Only, DACO: 2.12, 2.13, 2.13.1, 2.13.2, 2.14, 2.14.1, 2.14.13, 2.14.2, 2.14.3, 2.14.4, 2.14.5, 2.14.6, 2.14.8, 2.14.9, 2.15, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 CBI
2630121	2016, Revised Methodology/Validation and Confirmation of Identity per Notice of Deficiency dated January 7, 2016 2016-03-30 per IMEP 2015-6051, DACO: 2.13.1, 2.13.2 CBI
2581723	2015, Section 4 Data Requirements for a TGAI to be Manufactured in Canada for Export Only, DACO: 4.2, 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.2.6

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