

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2021-1977
Application: Changes to TGAI Product Chemistry-New Source (site) same registrant
Product: Methyl Anthranilate Technical
Registration Number: 30190
Active ingredient (a.i.): Methyl anthranilate
PMRA Document Number: 3361062

Purpose of Application

The purpose of this application was to add a new source of technical active ingredient to the registered product Methyl Anthranilate Technical.

Chemistry Assessment

Common Name: Methyl anthranilate
 IUPAC* Chemical Name: Methyl 2-aminobenzoate
 CAS† Chemical Name: 2-Aminobenzoic acid, methyl ester

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Methyl Anthranilate Technical has the following properties:

Property	Result
Colour and physical state	Pale yellow, bluish fluorescence solid
Nominal concentration	99.7%
Odour	Reminiscent of concord grape odour
Density	1.1650 – 1.1664 g/mL at 25°C
Vapour pressure	Not required for a food grade methyl anthranilate
pH	Not required for a food grade methyl anthranilate
Solubility in water	0.29 g / 100 mL
n-Octanol/water partition coefficient	log K _{ow} = 1.62

The required chemistry data for Methyl Anthranilate Technical have been provided, reviewed, and found to be acceptable.

Health, Environmental and Value Assessments

Health, 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 it sufficient to support the addition of the new source of technical active ingredient to the registered product Methyl Anthranilate Technical.

References

PMRA

Document

Number

Reference

3228697	2020, [CBI Removed]: Product Identity and Composition, Description of the Starting Materials and Production Process, Discussion of the Formation of Impurities, and Certified Limits, DACO: 2.11, 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.12, 2.12.1, 2.2 CBI
3228698	2020, Methyl Anthranilate Technical: Preliminary Analysis, DACO: 2.13, 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI

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