Health Canada Santé Canada

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2021-1734
Application: Changes to TGAI Product Chemistry – New Source (site) Same Registrant
Product: ALBAUGH 2,4-D TECHNICAL ACID HERBICIDE
Registration Number: 27437
Active ingredient (a.i.): 2,4-D (Present as Acid)
PMRA Document Number: 3360675

Purpose of Application

The purpose of this submission is to add new manufacturing sites to ALBAUGH 2,4-D TECHNICAL ACID HERBICIDE.

Chemistry Assessment

Common Name: 2,4-D
IUPAC* Chemical Name: (2,4-dichlorophenoxy)acetic acid
CAS† Chemical Name: 2-(2,4-dichlorophenoxy)acetic acid
* International Union of Pure and Applied Chemistry
† Chemical Abstracts Service

Albaugh 2,4-D Technical Acid Herbicide has the following properties:

Property	Result
Colour and physical state	Dull white to light colour
Nominal concentration	97.63%
Odour	slight, phenolic odour
Density	1.508
Vapour pressure	0.0099 mPa (20°C) 0.023 mPa (25°C)
pH	3-4
Solubility in water	24.3 g/L (at pH 7)
n-Octanol/water partition coefficient	-0.82 (at pH 7)

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The required chemistry data for ALBAUGH 2,4-D TECHNICAL ACID HERBICIDE 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 the information sufficient to support addition of the manufacturing sites to ALBAUGH 2,4-D TECHNICAL ACID HERBICIDE.

References

PMRA Document Number	References
3223994	2016, Product Identity and Composition - Confidential Attachment [CBI Removed], DACO: 2.11.1,2.11.2,2.11.3,2.11.4,2.12.1 CBI
3223996	2014, Product Identity and Composition - Confidential Attachment [CBI Removed], DACO: 2.11.1,2.11.2,2.11.3,2.11.4,2.12.1 CBI
3223998	2013, Validation of Analytical Methodology for the Assay of Active Ingredient 2,4-D TGAI, DACO: 2.13.1 CBI
3223999	2013, Validation of Analytical Methodology for the Assay of [CBI Removed] in 2,4-D TGAI, DACO: 2.13.1 CBI
3224000	2013, 5-Batch Analysis of [CBI Removed] in 2,4-D TGAI, DACO: 2.13.2,2.13.3 CBI