

Evaluation Report for Category D, Subcategory D.1.0 Application

Application Number: 2022-1705
Application: Importation for Manufacturing and Exportation Program (IMEP)
 Alternate B.1.1 (Product Chemistry - New source)
Product: Clopyralid Technical
Registration Number: 30954
Active ingredients (a.i.): clopyralid (DPI)
PMRA Document Number: 3361114

Purpose of Application

The purpose of this application was to approve a new source of active under the IMEP product, Clopyralid Technical (Reg. No. 30954).

Chemistry Assessment

Common Name: Clopyralid Technical
 IUPAC* Chemical Name: 3,6-dichloropyridine-2-carboxylic acid
 pre-1969 name: 3,6-dichloropicolinic acid
 French IUPAC* Chemical Name: Acid 3,6-dichloropyridine-2-carboxylique
 CAS† Chemical Name: 3,6-dichloro-2-pyridinecarboxylic acid

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Clopyralid Technical has the following properties:

Property	Result
Colour and physical state	Colourless solid
Nominal concentration	Clopyralid.....98.4%
Odour	Odourless
Density	0.579 g/cm ³
Vapour pressure	1.33 mPa
pH	1.0-3.0
Solubility in water	7.85 g/L

Property	Result
n-Octanol/water partition coefficient	logKow = -2.63

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

Health and Environmental Assessments

The new source of clopyralid is considered equivalent to the sources currently registered. Therefore, health, environmental and value assessments were not required for this application.

Value Assessment

A value assessment is not required for this application.

Conclusion

The PMRA has reviewed all available information and has determined that the amended registration of Clopyralid Technical is acceptable.

References

PMRA No.	Reference
3345294.	2022, Product Identity and Composition, Description of Materials, Description of the Production Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits, DACO: 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.12.1 CBI
3345295.	2012, Clopyralid Technical Preliminary Analysis [CBI Removed], DACO: 2.11.4, 2.13.1, 2.13.2, 2.13.3 CBI
3345296.	2012, Clopyralid Technical [CBI Removed], DACO: 2.13.1 CBI

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