

**Importation For Manufacturing And Exportation (IMEP)
Evaluation Report for Category D.1.0 IMEP,
Subcategory B.1.1, B.1.3 Application**

Application Number: 2015-2639
Application: Importation for Manufacturing and Exportation Program (IMEP)
B.1.1 (Product Chemistry – New Source (site)),
B.1.3 (Product Chemistry – Specifications)
Product: Nufarm Imidacloprid Technical
Registration Number: 28936
Active ingredients (a.i.): Imidacloprid (IMI)
PMRA Document Number : 2558890

Purpose of Application

The purpose of this submission was to amend the IMEP product, Nufarm Imidacloprid (Reg. No. 28936) with the addition of 2 new manufacturing sites in China and to add another end-use product to be formulated with this active which will be exported to Australia.

Chemistry Assessment

Common Name: Imidacloprid
IUPAC* Chemical Name: (2E)-1-[(6-chloropyridin-3-yl)methyl]-N-nitroimidazolidin-2-imine
CAS† Chemical Name: (2E)-1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Nufarm Imidacloprid Technical has the following properties:

Property	Result
Colour and physical state	Off-white powder
Nominal concentration	98.0%
Odour	None
Density	1.45 – 1.55 g/cm ³
Vapour pressure	4 × 10 ⁻⁷ mPa (20°C)
pH	6.5 – 7.5
Solubility in water	0.61 g/L (20°C)

Property	Result
n-Octanol/water partition coefficient	logP = 0.57 (21°C)

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

Health Assessments

The proposed new sources of Imidacloprid are considered toxicologically equivalent to those currently registered.

Environmental Assessment

Environmental assessment was not required for this application.

Value Assessment

Value assessment was not required for this application.

Conclusion

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

References

PMRA

Document Number	Title
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2544812	2015, 28936_DACO 2.2_NIT-RK-240615, DACO: 2.2 CBI
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2544813	2012, 28936_Product ID, DACO: 2.13.1, 2.13.2 CBI
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2544814	2011, 28936_Product ID, DACO: 2.13.1, 2.13.2 CBI
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ISSN: 1911-8082

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