Health Canada Santé Canada

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2022-6446
Application: Application Subject to Protection of Proprietary Interests in Pesticide Data (PPIP) Policy – Equivalency/Data Compensation Assessment
Product: Albaugh Ipconazole Technical
Registration Number: 35173
Active ingredient (a.i.): ipconazole
PMRA Document Number: 3548652

Purpose of Application

The purpose of this application was to register Albaugh Ipconazole Technical, a new source of the active ingredient ipconazole, based on a registered precedent product.

Chemistry Assessment

Common Name: ipconazole
IUPAC* Chemical Name: (1*RS*,2*SR*,5*RS*;1*RS*,2*SR*,5*SR*)-2-(4-chlorobenzyl)-5-isopropyl-1-(1*H*-1,2,4-triazol-1-ylmethyl)cyclopentanol
CAS† Chemical Name: 2-[(4-chlorophenyl)methyl]-5-(1-methylethyl)-1-(1*H*-1,2,4-triazol-1-ylmethyl)cyclopentanol

* International Union of Pure and Applied Chemistry
† Chemical Abstracts Service

Albaugh Ipconazole Technical has the following properties:

Property	Result
Colour and physical state	White powder
Nominal concentration	98.9%
Odour	Nearly odourless
Density	1.274 g/cm^3
Vapour pressure	0.003 mPa at 25°C
pH	6.08 (1% w/w)
Solubility in water	6.93 mg/L

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Property	Result
n-Octanol/water partition coefficient	log K_{ow} = 4.21

The required chemistry data for Albaugh Ipconazole 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 the information acceptable to support the registration of Albaugh Ipconazole Technical.

References

PMRA Document Number	Reference
3415896	2022, 2.11.4 FOI_Ipco TC_ UB_20221025, DACO: 2.11.4 CBI
3415897	2020, CONFIDENTIAL ATTACHMENT of 5 Batch Analysis, DACO: 2.13, 2.13.1,2.13.3 CBI
3415899	2020, 5-Batch Analysis of Ipconazole TGAI, DACO: 2.13,2.13.1,2.13.3 CBI
3415900	2021, Physical and Chemical Characteristics of Ipconazole Technical, DACO: 2.14,2.14.1,2.14.13,2.14.2,2.14.3,2.14.4,2.14.6 CBI
3415901	2019, Description of Manufacturing Process and Formation of Impurities, DACO: 2.11,2.11.1,2.11.2,2.11.3,2.13.2,2.5,2.6,2.7,2.8 CBI
3420218	2022, DACO 2.14., DACO: 2.14,2.14.10,2.14.11,2.14.12,2.14.7,2.14.8,2.14.9 CBI
3461243	2023, Final Report 0555 Five Batch Analysis of Ipconazole Technical - Residual Solvents Test - Original 1 of 2, DACO: 2.13.4 CBI