Health Canada Santé Canada

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2019-2238
Application: Submission Subject to *Protection of Proprietary Interests in Pesticide Data* Policy- Equivalency/Data Compensation Assessment
Product: Sharda Pyrimethanil Technical Fungicide
Registration Number: 34337
Active ingredient (a.i.): Pyrimethanil
PMRA Document Number: 3128876

Purpose of Application

The purpose of this application was to register Sharda Pyrimethanil Technical Fungicide, a new source of pyrimethanil based on a precedent.

Chemistry Assessment

Common Name: Pyrimethanil
IUPAC* Chemical Name: *N*-(4,6-dimethylpyrimidin-2-yl)aniline
CAS† Chemical Name: 4,6-dimethyl-*N*-phenyl-2-pyrimidinamine

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

Sharda Pyrimethanil Technical Fungicide has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	99.8%
Odour	Characteristic odour
Density	1.17 g/mL
Vapour pressure	4.47 x 10^{-3} Pa at 20°C
pH	6.5 (1% w/v)
Solubility in water	0.103 g/L at 20°C
n-Octanol/water partition coefficient	Log K_{ow}: 2.84 (pH 6.1)

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The required chemistry data for Sharda Pyrimethanil Technical Fungicide 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 the registration of Sharda Pyrimethanil Technical Fungicide.

References

PMRA Document Number	References
2995711	2019, Manufacturing process, DACO: 2.11.1,2.11.2,2.11.3,2.11.4 CBI
2995712	2017, Pyrimethanil Technical: Validation of the analytical method for the determination of the [CBI Removed] content, DACO: 2.13.1 CBI
2995714	2017, Pyrimethanil Technical: Validation of the analytical method for the determination of [CBI Removed] as Relevant Impurity Content, DACO: 2.13.4 CBI
2995715	2017, Pyrimethanil Technical: [CBI Removed] Screening for impurities content in [CBI Removed] Batch Samples, DACO: 2.13,2.13.1,2.13.2,2.13.3 CBI
2995716	2017, Pyrimethanil Technical: Complete analysis of [CBI Removed] Batch Samples, DACO: 2.13,2.13.1,2.13.3 CBI
2995717	2017, Pyrimethanil Technical: Spectroscopic Characterisation of [CBI Removed] Batch Samples, DACO: 2.13.2 CBI
2995718	2017, Pyrimethanil Technical: Determination of the physico-chemical properties, DACO: 2.14,2.14.1,2.14.10,2.14.11,2.14.12,2.14.15,2.14.2,2.14.3, 2.14.4,2.14.6,2.14.7,2.14.8,2.14.9,830.7000
2995719	2018, Pyrimethanil Technical: Determination of the accelerated storage stability and corrosion characteristics, DACO: 2.14.14
2995720	2017, Pyrimethanil Technical: Determination of the oxidizing properties and explosive properties. DACO: 2.14.13
3103052	2020, Pyrimethalin Technical: Validation of the analytical method for the determination of the [CBI Removed] Content, DACO: 2.13.4 CBI
3103053	2020, Pyrimethalin Technical: Complete Analysis of [CBI Removed] Batch Samples, DACO: 2.13.4 CBI
3103055	2020, Origin of batches for [CBI Removed] batch analysis, DACO: 2.13.3 CBI