

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2020-3917
Application: Submission subject to the *Protection of Proprietary Interests in Pesticide Data* (PPIP) policy-Equivalency/Data Compensation Assessment
Product: Sharda Boscalid Technical Fungicide
Registration Number: 34252
Active ingredient (a.i.): Boscalid

PMRA Document Number: 3244454

Purpose of Application

The purpose of this application was to register a new source of boscalid, Sharda Boscalid Technical Fungicide, based on a registered precedent.

Chemistry Assessment

Common Name: Boscalid
IUPAC* Chemical Name: 2-chloro-*N*-(4'-chlorobiphenyl-2-yl)nicotinamide
CAS† Chemical Name: 2-chloro-*N*-(4'-chloro[1,1'-biphenyl]-2-yl)-3-pyridinecarboxamide

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Sharda Boscalid Technical Fungicide has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	98.50 %
Odour	Characteristic odour
Density	1.3865 g/mL (20 °C)
Vapour pressure	3.57×10^{-5} Pa (20 °C)
pH	5.6 (1% dilution)
Solubility in water	2.4 mg/L (20 °C)

Property	Result
n-Octanol/water partition coefficient	log K _{ow} = 2.60

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

Value, Health and Environmental Assessments

Value, health and environmental assessments were not required for this submission.

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 Boscalid Technical Fungicide.

References

PMRA Document Number	Reference
2714000	2014, Determination of Active Content and Impurity Profile of Boscalid, DACO: 2.13.1,2.13.2,2.13.3,2.14.12 CBI
2714002	2016, Boscalid Technical: Determination of the Physical and Chemical Properties, DACO: 2.14
2886647	2018, Determination of impurities of [CBI Removed] in Boscalid Technical, DACO: 2.13.4 CBI
3148754	2020, Boscalid_[PRIVACY INFO Removed]-Manufacturing- updated with yields, DACO: 2.11.1,2.11.2,2.11.3,2.11.4 CBI
3148756	2020, A Study for the Analysis of 5 Batches of Boscalid for the Presence of Targeted Polychlorinated Dibenzodioxins and Dibenzofurans, DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI
3161258	2020, Declaration Letter for Boscalid, DACO: 2.13.3 CBI
3226513	2021, Updated Process, DACO: 2.13.3 CBI