

## Evaluation Report for Category B, Subcategory 1.3 Application

**Application Number:** 2019-1440  
**Application:** Changes to TGAI Product Chemistry-Specifications  
**Product:** Boscalid Technical Fungicide  
**Registration Number:** 27494  
**Active ingredient (a.i.):** Boscalid  
**PMRA Document Number :** 3049332

### Purpose of Application

The purpose of this application was to amend the product chemistry of Boscalid Technical Fungicide.

### 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

Boscalid Technical Fungicide has the following properties:

Property	Result
Colour and physical state	White crystalline powder
Nominal concentration	99.0 %
Odour	Odourless
Density	0.526-0.702 g/mL
Vapour pressure	$7 \times 10^{-7}$ Pa at 20°C
pH	5.5-6.2 (0.5% suspension)
Solubility in water	4.64 mg/L at 20°C
n-Octanol/water partition coefficient	$\log K_{ow} = 2.96$

The required chemistry data for Boscalid 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 approve the amendments to Boscalid Technical Fungicide.

## **References**

### **PMRA**

#### **Document**

<b>Number</b>	<b>Reference</b>
2979443	2008, Product Identity, Composition and Process Description of Boscalid (BS 510 F), DACO: 2.11.1,2.11.2,2.11.3,2.11.4, CBI

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