

## Evaluation Report for Category B, Subcategory B.1.2 Application

**Application Number:** 2015-6963  
**Application:** New TGAI; Product Chemistry-New Source, New Registrant  
**Product:** Sharda Pyraclostrobin Technical Fungicide  
**Registration Number:** 32564  
**Active ingredients (a.i.):** pyraclostrobin  
**PMRA Document Number:** 2680835

### Background

Pyraclostrobin, first registered in Canada in 2003, is a fungicide active ingredient found in commercial products used as foliar- or seed-applied treatments for the management of a broad range of diseases in various crops and turf.

### Purpose of Application

The purpose of this application was to register a new technical grade active ingredient, Sharda Pyraclostrobin Technical Fungicide based on a precedent product.

### Chemistry Assessment

Common Name: Pyraclostrobin  
IUPAC\* Chemical Name: methyl [2-({[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy}methyl)phenyl]methoxycarbamate  
CAS† Chemical Name: methyl N-[2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]-N-methoxycarbamate

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Sharda Pyraclostrobin Technical Fungicide has the following properties:

Property	Result
Colour and physical state	White of light beige solid
Nominal concentration	98.93%
Odour	Odourless
Density	0.43 g/mL
Vapour pressure	$2.6 \times 10^{-5}$ mPa (at 20°C)

<b>Property</b>	<b>Result</b>
pH	7.05
Solubility in water	1.9 mg/mL (at 20°C)
n-Octanol/water partition coefficient	Log K <sub>ow</sub> = 3.6

The required chemistry data for Sharda Pyraclostrobin 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 PMRA has completed an assessment of the available information and has determined that the registration of Sharda Pyraclostrobin Technical Fungicide can be supported.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
2593230	2015, Applicant's Name and Office Address, Formulating Plant and address and Trade Name for Sharda Pyraclostrobin Technical Fungicide, DACO: 2.1, 2.2, 2.3
2593231	2015, Applicant's Name and Office Address, Formulating Plant and address and Trade Name for Sharda Pyraclostrobin Technical Fungicide, DACO: 2.1, 2.2, 2.3 CBI
2593232	2015, Manufacturing Process of Pyraclostrobin Technical, DACO: 2.11.1, 2.11.2, 2.11.3, 2.11.4 CBI
2593257	2015, The formation of impurities in Pyraclostrobin Technical, DACO: 2.11.4 CBI
2593258	2015, Composition of Pyraclostrobin Technical, DACO: 2.12.1 CBI
2593259	2015, Determination of Active Content and Impurity Profile of Pyraclostrobin, DACO: 2.12.1, 2.13.1, 2.13.2, 2.13.3, 2.13.4, 2.14.12 CBI
2593261	2015, Determination of Physical-chemical properties of Pyraclostrobin, DACO: 2.14.1, 2.14.10, 2.14.11, 2.14.13, 2.14.14, 2.14.15, 2.14.2, 2.14.3, 2.14.4, 2.14.6, 2.14.7, 2.14.8, 2.14.9, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 830.7000

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