

## Evaluation Report for Category L, Subcategory 1.1 Application

**Application Number:** 2023-5013  
**Application:** Application Subject to Protection of Proprietary Interests in Pesticide Data (PIIP) Policy – Equivalency/Data Compensation Assessment  
**Applicant:** Hunan Haili Chemical Industry Co., Ltd.  
**Product:** Haili Pyraclostrobin Technical  
**Registration Number:** 35390  
**Active ingredient (a.i.):** Pyraclostrobin  
**PMRA Document Number:** 3653955

### Purpose of Application

The purpose of this application was to register Haili Pyraclostrobin Technical, a new source of the active ingredient pyraclostrobin, based on a registered precedent product.

### Chemistry Assessment

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

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Haili Pyraclostrobin Technical has the following properties:

Property	Result
Colour and physical state	Beige powder
Nominal concentration	98.5%
Odour	Characteristic
Density	1.4041 g/mL at 20 °C
Vapour pressure	2.27 x 10 <sup>-4</sup> mPa at 20 °C
pH	6.11, 1% dilution
Solubility in water	1.94 mg/L at 20 °C, pH = 6.61
n-Octanol/water partition coefficient	log K <sub>ow</sub> = 3.886

The required chemistry data for Haili Pyraclostrobin 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 Haili Pyraclostrobin Technical.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
3502008	2023, Methodology and Validation, DACO: 2.13.1
3502010	2022, Confidential Data, DACO: 2.13.3,2.13.4 CBI
3502011	2023, Color, Physical State and Odour, DACO: 2.14.1,2.14.2,2.14.3
3502012	2023, Melting Point, DACO: 2.14.4
3502013	2023, Density, DACO: 2.14.6
3502014	2023, Solubility in Water and Solvent, DACO: 2.14.7,2.14.8
3502015	2023, Vapour Pressure, DACO: 2.14.9
3502016	2023, Dissociation Constant, DACO: 2.14.10
3502017	2023, Partition Coefficient, DACO: 2.14.11
3502018	2023, UV Visible Absorption, DACO: 2.14.12
3502019	2023, Stability to Temperature, Metals and Metal Ions, DACO: 2.14.13
3502020	2023, Storage Stability, DACO: 2.14.14
3502021	2023, pH, DACO: 2.14.15,830.7000
3559074	2024, Batch Data for Active Ingredient, DACO: 2.13.1,2.13.3 CBI
3559075	2023, Impurities Test Report, DACO: 2.13.4
3639877	2024, Manufacturing Process, DACO: 2.11.3 CBI

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