

## Evaluation Report for Category B, Subcategory 1.3 Application

**Application Number:** 2018-0568  
**Application:** B.1.3: Changes TGAI Product Chemistry - Specifications  
**Product:** Fluopyram Technical Fungicide  
**Registration Number:** 30508  
**Active ingredients (a.i.):** Fluopyram  
**PMRA Document Number:** 2951013

### Purpose of Application

The purpose of this application was to register an alternate manufacturing process for Fluopyram Technical Fungicide.

### Chemistry Assessment

Common Name: Fluopyram  
IUPAC\* Chemical Name: *N*-{2-[3-chloro-5-(trifluoromethyl)-2-pyridyl]ethyl}- $\alpha,\alpha,\alpha$ -trifluoro-*o*-toluamide  
CAS† Chemical Name: *N*-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-(trifluoromethyl)benzamide

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Fluopyram Technical Fungicide has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	98.4%
Odour	No noticeable odour
Density	1.53 g/cm <sup>3</sup>
Vapour pressure	3.1 × 10 <sup>-6</sup> Pa at 25°C
pH	6.6 (1% solution)
Solubility in water	16 mg/L (20°C, pH 7)
n-Octanol/water partition coefficient	Log K <sub>ow</sub> = 3.3 at 20°C

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

### **Health, Environmental and Value Assessment**

Health, environmental and value assessments were not required for this application.

### **Conclusion**

The PMRA has reviewed the information submitted in support of the alternate manufacturing process. Based on the results of this review, the alternate manufacturing process for Fluopyram Technical Fungicide is acceptable for registration.

## References

- 2849322 2017, DETAILED PRODUCTION PROCESS DESCRIPTION, DACO: 2.11.3 CBI
- 2849325 2017, BATCH DATA, DACO: 2.13.3 CBI
- 2874071 2018, DETAILED PRODUCTION PROCESS DESCRIPTION, DACO: 2.11.2,2.11.3 CBI

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