

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2019-2025  
**Application:** Changes to Technical Grade Active Ingredient Product Chemistry  
 – New Source (site) same registrant  
**Product:** NewAgco Fluazinam Technical  
**Registration Number:** 33417  
**Active ingredient (a.i.):** Fluazinam  
**PMRA Document Number:** 3088157

### Purpose of Application

The purpose of this application was to register a new manufacturing site for the technical grade active ingredient product NewAgco Fluazinam Technical.

### Chemistry Assessment

**Common Name:** Fluazinam  
**IUPAC\* Chemical Name:** 3-chloro-*N*-(3-chloro-5-trifluoromethyl-2-pyridyl)- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro-*p*-toluidine  
**CAS† Chemical Name:** 3-chloro-*N*-[3-chloro-2,6-dinitro-4-(trifluoromethyl)phenyl]-5-(trifluoromethyl)-2-pyridinamine

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

### NewAgco Fluazinam Technical has the following properties:

Property	Result
Colour and physical state	Yellow solid (powder)
Nominal concentration	98.5%
Odour	Characteristic
Density	1.703 g/mL
Vapour pressure	5.68 mPa
pH	7.36 for a 1% dilution
Solubility in water	0.10 mg/L at 20°C
n-Octanol/water partition coefficient	log $K_{ow}$ = 4.03

The required chemistry data for NewAgco Fluazinam 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 submitted data and has found it sufficient to register a new manufacturing site for NewAgco Fluazinam Technical.

## References

PMRA Document	References
2992081	2019, Fluazinam Manufacturing Process, DACO: 2.11.1,2.11.2,2.11.3 CBI
2992082	2010, Discussion of Formation of Impurities and Consideration Regarding Toxicological Concern in Fluazinam Technical Grade Material, DACO: 2.11.4,2.13.4 CBI
2992083	2012, Corrigendum of the Technical Specification of Fluazinam Technical Grade Material (TC), DACO: 2.13.3 CBI
2992084	2017, Spectral Characterisation of Fluazinam Impurities [CBI REMOVED], DACO: 2.13.2 CBI
2992085	2016, Quantitative Analysis of [CBI REMOVED] in Fluazinam Technical Grade Material [CBI REMOVED] DACO: 2.13.3 CBI
2992087	2018, Analysis of Five Batches of Fluazinam Technical Material for Active Ingredient Content and Impurities, in Compliance with GLP. Vol. 2 Five Batch Analysis., DACO: 2.12.1,2.13.2,2.13.3 CBI
2992088	2018, Analysis of Five Batches of Fluazinam Technical Material for Active Ingredient Content and Impurities, in Compliance with GLP. Vol. 1 Method Validation, DACO: 2.13.1 CBI
3084761	2018, Fluazinam Technical Manufacturing Process, DACO: 2.13.4 CBI

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