

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2019-2916
Application: Submission subject to *Protection of Proprietary Interests in Pesticide Data* (PIIP) policy
Product: Sipcam Fluazinam Technical
Registration Number: #####
Active ingredient (a.i.): Fluazinam
PMRA Document Number: 3097862

Purpose of Application

The purpose of this application was to register Sipcam Fluazinam Technical, a new source of fluazinam by a new registrant, under the PPIP program.

Chemistry Assessment

Common Name: Fluazinam
IUPAC* Chemical Name: 3-chloro-*N*-(3-chloro-5-trifluoromethyl-2-pyridyl)- α,α,α -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

Sipcam Fluazinam Technical has the following properties:

Property	Result
Colour and physical state	Yellowish-brown solid
Nominal concentration	98.5%
Density	0.906 – 1.125 g/mL
Vapour pressure	5.0×10^{-3} mPa
pH	7 for a 1% dilution
Solubility in water	0.253 mg/L at pH 7
n-Octanol/water partition coefficient	$\log K_{ow} = 4.03$

The required chemistry data for Sipcam 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 information provided, and has found the information sufficient to support the registration of Sipcam Fluazinam Technical.

References

PMRA No.	Reference
3006937	2019, Applicant and Manufacturer Information, DACO: 2.1, 2.2, 2.3, 2.3.1
3006938	2017, Description of Technical Active Ingredient Production Process, DACO: 2.11.1, 2.11.2, 2.11.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 CBI
3006939	2017, Fluazinam Specifications, DACO: 2.12 CBI
3006940	2016, Analytical Profile of 5 Batches, DACO: 2.13.1, 2.13.2 CBI
3006941	2017, Five batches analysis of Fluazinam technical material, DACO: 2.13.3, 2.14.1, 2.14.12, 2.14.3 CBI
3006943	2016, Physico-Chemical Testing of a Sample of Fluazinam Technical [CBI Removed] - Amended, DACO: 2.14.5 CBI
3006944	2016, Physico-Chemical Testing of a Sample of Fluazinam Technical [CBI Removed] - Statement, DACO: 2.14.5 CBI
3006945	2016, Fluazinam Technical Physical-chemical properties, DACO: 2.14.15, 2.14.6, 2.14.8, 830.7000 CBI
3006946	2016, Fluazinam Technical Physical-chemical properties - Amendment 1, DACO: 2.14.15, 2.14.6, 2.14.8, 830.7000 CBI
3006947	2013, Physical and chemical properties of one batch of FLUAZINAM TC, DACO: 2.14.10, 2.14.11, 2.14.9 CBI
3006948	2018, Storage Stability Test of Fluazinam TC, DACO: 2.14.14 CBI
3015234	2019, Response to Clarification Email of 11JUL19, DACO: 2.14.12, 2.14.13, 2.14.7
3034518	2019, Raw Data related to [CBI Removed] Analysis Analytical Method [CBI Removed] DACO: 2.13 CBI
3034519	2019, Analytical Profile of five batches, DACO: 2.13.3 CBI
3036964	2019, Formation of impurities, DACO: 2.11.4 CBI

ISSN: 1911-8082

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