

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2021-5444
Application: New TGA Product Chemistry, New Source Same Registrant
Product: Technical Flazasulfuron Herbicide
Registration Number: 32909
Active ingredient (a.i.): Flazasulfuron
PMRA Document Number: 3411718

Purpose of Application

The purpose of this application was to add a new manufacturing site for the technical product, Technical Flazasulfuron Herbicide.

Chemistry Assessment

Common Name: Flazasulfuron
 IUPAC* Chemical Name: *N*-[(4,6-dimethoxypyrimidin-2-yl)carbamoyl]-3-(trifluoromethyl)pyridine-2-sulfonamide
 CAS† Chemical Name: *N*-[[[(4,6-dimethoxy-2-pyrimidinyl)amino]carbonyl]-3-(trifluoromethyl)-2-pyridinesulfonamide

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Technical Flazasulfuron Herbicide has the following properties:

Property	Result
Colour and physical state	cream coloured granular solid
Nominal concentration	99.4 %
Odour	strong lawn fertilizer odour
Density	0.66 g/cm ³ (bulk density)
Vapour pressure	<1.33 x10 ⁻⁵ Pa
pH	4.0
Solubility in water	pH 5 buffer 0.027 g/L
	pH 7 buffer 2.1 g/L

Property	Result	
n-Octanol/water partition coefficient	pH	log Kow
	5	1.30
	7	-0.06

The required chemistry data for Technical Flazasulfuron Herbicide 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 it sufficient to support the addition of the new manufacturing site for Technical Flazasulfuron Herbicide.

Additional Information Being Requested

Since this technical product is manufactured only at pilot scale before registration, five-batch data representing commercial-scale production at the approved manufacturing site will be required as post-market information after registration.

References

PMRA Document Number	Reference
3275973	2021, Product Chemistry Studies For Technical Flazasulfuron (SL-160) - SERIES 61 -, DACO: 2.11,2.11.1,2.11.2,2.11.3,2.11.4 CBI
3275974	2019, Product Chemistry Studies For Technical Flazasulfuron (SL-160) Alternate Formulation No. 2 - SERIES 62 -, DACO: 2.12.1,2.13,2.13.1,2.13.2,2.13.3 CBI

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