Health Canada Santé Canada

Evaluation Report for Category B, Subcategory 1.2 Application

Application Number: 2017-1706
Application: New TGAI – New Source, New Registrant
Product: Sharda Tribenuron Methyl Technical
Registration Number: **33890**
Active ingredient (a.i.): Tribenuron-methyl
PMRA Document Number: 2826151

Purpose of Application

The purpose of this application was to register Sharda Tribenuron Methyl Technical as a source of tribenuron-methyl.

Chemistry Assessment

Common Name: Tribenuron-methyl
IUPAC* Chemical Name: methyl 2-[4-methoxy-6-methyl-1,3,5-triazin-2-yl(methyl)carbamoylsulfamoyl]benzoate
CAS† Chemical Name: methyl 2-[[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)methylamino]carbonyl]amino]sulfonyl]benzoate

* International Union of Pure and Applied Chemistry
† Chemical Abstracts Service

Sharda Tribenuron Methyl Technical has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	99.92%
Odour	Characteristic
Density	1.4 g/mL
Vapour pressure	1.22×10^{-6} Pa (at 20˚C)
pH	3.7 for a 1% dilution
Solubility in water	2.02 g/L (20˚C, pH 7)
n-Octanol/water partition coefficient	Log K_{ow} = -0.27 (pH 7)

The required chemistry data for Sharda Tribenuron Methyl 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 Sharda Tribenuron Methyl Technical.

References

PMRA Document Number	Reference
2747423	2017, Applicant's Name and Office Address, Formulating Plant and Address, and Trade Name for Sharda Tribenuron Methyl Technical, DACO: 2.1, 2.2, 2.3
2747424	2017, Applicant's Name and Office Address, Formulating Plant and Address, and Trade Name for Sharda Tribenuron Methyl Technical, DACO: 2.1, 2.2, 2.3 CBI
2747430	2017, Tribenuron-Methyl Technical: Validation of the Analytical Method for the Determination of the Active Ingredient Content, DACO: 2.13.1 CBI
2747431	2013, Analytical Profile of Five Batches of Commercial Scale Tribenuron-methyl Technical Grade Active Ingredient., DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
2747432	2014, Analytical Profile of Five Batches of Commercial Scale Tribenuron-methyl Technical Grade Active Ingredient., DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
2747433	2017, Tribenuron-Methyl Technical: Determination of the Physico-Chemical Properties, DACO: 2.14.1, 2.14.10, 2.14.11, 2.14.12, 2.14.15, 2.14.2, 2.14.3, 2.14.4, 2.14.5, 2.14.6, 2.14.7, 2.14.8, 2.14.9, 2.16,830.7000
2747434	2017, Tribenuron-Methyl Technical: Determination of the Oxidizing Properties and Explosive Properties, DACO: 2.14.13, 2.16
2747435	2017, Tribenuron-Methyl Technical: Determination of the Accelerated Storage Stability and Corrosion Characteristics, DACO: 2.14.13, 2.14.14 CBI
2747436	2017, Tribenuron-Methyl manufacturing process and impurities formation description, DACO: 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 CBI
2796385	2017, Revised Supplier(s) for each of the starting material in Sharda Tribenuron Methyl Technical, DACO: 2.11.2 CBI

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