

Evaluation Report for Category B Subcategory 1.1 Application

Application Number: 2009-3343
Application: Changes to the technical grade active ingredient – new source (site) same registrant
Product: Flumetsulam Technical Herbicide
Registration Number: 24449
Active ingredients (a.i.): Flumetsulam
PMRA Document Number : 1953950

Purpose of Application

The purpose of this application was to add a new manufacturing site of the active ingredient flumetsulam to the currently registered product Flumetsulam Technical Herbicide, Registration Number 24449, by the same registrant.

Chemistry Assessment

Common Name: Flumetsulam
Chemical Name: *N*-(2,6-difluorophenyl)-5-methyl[1,2,4]triazolo[1,5-*a*]pyrimidine-2-sulfonamide

Flumetsulam Technical Herbicide has the following properties:

Property	Result
Colour and physical state	Light tan powder
Nominal concentration	98 % nominal
Odour	sweet musty odour
Specific gravity	1.77
Vapour pressure	3.7×10^{-7} mPa (25 °C)
pH	3.44 (10 % suspension)
Solubility in water	pH g/L at 25 °C 2.5 0.0491 7.0 5.65
n-Octanol/water partition coefficient	$\log K_{ow} = -0.68$ at 25 °C

The chemistry requirements for Flumetsulam Technical Herbicide are complete.

Health, Environmental and Value Assessments

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

Conclusion

The PMRA has conducted a review of all the available information for this application and has concluded that the addition of a new site for the production of Flumetsulam Technical Herbicide is acceptable.

Reference

1916180 2010, Group A- Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Discussion of Formation of Impurities, Preliminary Analysis, Certified Limits, and Enforcement Analytical Method for Flumetsulam 98% Milled Concentrate CBI

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