

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2014-1268
Application: Changes to manufacturing site, same registrant
Product: Quizalofop P-Ethyl MUP Herbicide
Registration Number: 29392
Active ingredients (a.i.): Quizalofop P-Ethyl
PMRA Document Number: 2519219

Purpose of Application

The purpose of application was to add an additional manufacturing site to the registered product, Quizalofop P-Ethyl MUP Herbicide.

Chemistry Assessment

Common Name : Quizalofop P-Ethyl
IUPAC Chemical Name : Ethyl (2*R*)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate
CAS Chemical Name : Ethyl (2*R*)-2-[4-(6-chloro-2-quinoxalinyloxy)phenoxy]propanoate

Quizalofop P-Ethyl MUP Herbicide has the following properties:

Property	Result
Colour and Physical state	White solid
Nominal guarantee	Quizalofop P-Ethyl at 98%
Odour	Odourless
Density at 20°C	1.36 g/cm ³
Vapour pressure	1.1 × 10 ⁻⁷ Pa at 20°C
Dissociation constant (pK _a)	No dissociable moiety
Octanol/water partition coefficient (K _{ow})	log K _{ow} = 4.61
pH	7.29

The chemistry requirements for Quizalofop P-Ethyl MUP Herbicide have been fulfilled.

Health, Environmental, and Value Assessments

It was determined that health, environmental and value assessments were not required to add an additional manufacturing site for this product.

Conclusion

Following review of the application, the addition of a new manufacturing site was approved for Quizalofop P-Ethyl MUP Herbicide.

References

PMRA

Document Number

Reference

2413237	2014, Name and Office Address, DACO: 2.1,2.2 CBI
2413238	2013, Product chemistry of Quizalofop-P-Ethyl Technical Product, DACO: 2.11.1,2.11.2,2.11.3,2.11.4,2.12.1 CBI
2413239	2013, Determination of Active Content and Impurity Profile of Quizalofop-P-ethyl, DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI

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