

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2020-0883  
**Application:** Changes to Technical Grade Active (TGAI) – New Source(site) same registrant  
**Product:** Quizalofop P-ethyl MUP Herbicide  
**Registration Number:** 29392  
**Active ingredient (a.i.):** Quizalofop P-ethyl  
**PMRA Document Number:** 3222474

### Purpose of Application

The purpose of this application was to register another manufacturing site for the active ingredient 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

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Quizalofop P-Ethyl MUP Herbicide has the following properties:

Property	Result
Colour and physical state	White crystalline solid
Nominal concentration	98.0%
Odour	odourless
Density	1.36 g/cm <sup>3</sup>
Vapour pressure	1.1 x 10 <sup>-7</sup> Pa (at 20°C)
pH	6.5 ± 0.5 (1% solution in water)
Solubility in water	0.61 mg/L (20°C)
n-Octanol/water partition coefficient	log Kow = 4.61

The required chemistry data for Quizalofop P-Ethyl MUP 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 registration of another manufacturing site for Quizalofop P-Ethyl MUP Herbicide.

## References

PMRA Document Number	References
3098983	2020, Manufacturing Process of Quizalofop-P-Ethyl in [PRIVACY INFO REMOVED] Manufacturing Plant, DACO: 2.11.1,2.11.2,2.11.3,2.11.4,2.12.1,2.13.1,2.13.2,2.13.3 CBI
3098984	2020, Five Batch Analysis of quizalofop-P-ethyl Technical Product, DACO: 2.12.1,2.13.2,2.13.3 CBI
3218544	2021, Relative Amount of Materials, DACO: 2.11.3 CBI

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