



## Evaluation Report for Category L, Subcategory 1.1 Application

**Application Number:** 2017-3038  
**Application:** Submissions subject to the Protection of Proprietary Interests in Pesticide Data policy- Assessment  
**Product:** NewAgco Quizalofop Technical  
**Registration Number:** 33374  
**Active ingredient (a.i.):** Quizalofop-p-ethyl  
**PMRA Document Number:** 2927201

### Purpose of Application

The purpose of this application was to register a new source of technical grade quizalofop-p-ethyl by a new registrant based on a registered precedent product.

### 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 has the following properties:

Property	Result
Colour and physical state	White powder
Nominal concentration	98.8 %
Odour	characteristic
Density	1.2525 g/mL
Vapour pressure	1.1 x 10 <sup>-4</sup> mPa (at 20°C)
pH	6.0 (1% solution in water)
Solubility in water	0.58 mg/L (20°C)

Property	Result
n-Octanol/water partition coefficient	log Kow = 4.44

The required chemistry data for NewAgco Quizalofop 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 it sufficient to support the registration of NewAgco Quizalofop Technical.

## References

- 2822748 2017, Manufacturing Methods For The TGAI, DACO: 2.11 CBI  
2775688 2013, Establishing Certified Limits, DACO: 2.11.4,2.12.1,2.13.1,2.13.2,2.13.3  
CBI  
2822749 2017, Impurities Of Toxicological Concern, DACO: 2.13.1,2.13.4 CBI  
2784979 2013, Batch Data, DACO: 2.13.3 CBI  
2775689 2014, Odour, DACO: 2.14.1,2.14.2,2.14.3 CBI  
2775692 2014, Melting Point/Melting Range, DACO: 2.14.4 Cb  
2775693 2014, Boiling Point/Boiling Range, DACO: 2.14.5 CBI  
2775691 2014, Density Or Specific Gravity, DACO: 2.14.6 CBI  
2775695 2014, Water Solubility (mg/L), DACO: 2.14.7 CBI  
2775696 2014, Solvent Solubility (mg/L), DACO: 2.14.8 CBI  
2775698 2014, Vapour Pressure, DACO: 2.14.9 CBI  
2775697 2014, Octanol/Water Partition Coefficient, DACO: 2.14.11 CBI  
2775700 2014, UV/Visible Absorption Spectra, DACO: 2.14.12 CBI  
2775701 2014, Storage Stability Data, DACO: 2.14.14 CBI  
2775690 2014, (Ph), DACO: 2.14.15,830.7000 CB

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services  
Canada 2018

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.