

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2021-6206
Application: Changes to Technical Grade Active Ingredient (Product Chemistry)
 - New Site, Same Registrant
Product: Revysol Fungicide Technical
Registration Number: 33401
Active ingredient (a.i.): Mefentrifluconazole
PMRA Document Number: 3431615

Purpose of Application

The purpose of this application was to add a new manufacturing site to the registration of Revysol Fungicide Technical.

Chemistry Assessment

Common Name: mefentrifluconazole
 IUPAC* Chemical Name: (2*RS*)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1*H*-1,2,4-triazol-1-yl)propan-2-ol
 CAS† Chemical Name: α -[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]- α -methyl-1*H*-1,2,4-triazole-1-ethanol

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Revysol Fungicide Technical has the following properties:

Property	Result
Colour and physical state	white crystalline powder
Nominal concentration	98.5%
Odour	odourless
Density	1.468 g/cm ³
Vapour pressure	3.2 x 10 ⁻⁶ Pa
pH	6.2
Solubility in water	0.81 mg/L

Property	Result
n-Octanol/water partition coefficient	log K _{ow} = 3.4

The required chemistry data for Revysol Fungicide 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 acceptable to amend the registration of Revysol Fungicide Technical.

Additional Information Being Requested

Since this technical product is manufactured only at pilot scale before registration for this site, five-batch data representing commercial-scale production is required as post-market information after registration.

References

PMRA

Document

Number	Reference
3293557	2021, Chemical Analysis of Five Batches Mefentrifluconazole (BAS 750 F / Reg.No. 5834378) technical grade active ingredient (TGAI), DACO: 2.13.3
3293558	2021, Chemical Analysis of Five Batches Mefentrifluconazole (BAS 750 F / Reg.No. 5834378) technical grade active ingredient (TGAI)- Amendment No. 1, DACO: 2.13.3
3293559	2021, Mefentrifluconazole (BAS 750 F) TC/TGAI: Documentation of Equivalency for a new TGAI source [Privacy Removed], DACO: 2.16

© His Majesty the King in Right of Canada, as represented by the Minister of Health Canada, 2023

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 Health Canada, Ottawa, Ontario K1A 0K9.