

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2014-3124
Application: B.1.1 - New source same registrant
Product: Nufarm MCPA Technical Acid
Registration Number: 19034
Active ingredients (a.i.): MCPA (Present as Acid)
PMRA Document Number : 2536782

Purpose of Application

The purpose of this application was to add a currently registered manufacturing site to Nufarm MCPA Technical Acid.

Chemistry Assessment

Common Name: MCPA
 CAS Chemical Name: (4-chloro-2-methylphenoxy) acetic acid.
 IUPAC Chemical Name: (4-chloro-2-methylphenoxy) acetic acid.

Nufarm MCPA Technical Acid has the following properties:

Property	Result
Colour and physical state	Off white to light brown solid
Nominal concentration	97.5%
Odour	Slight phenolic
Specific gravity	1.2771
Vapour pressure	< 0.001 Pa
pH	3.38
Solubility in water	825 mg/L
n-Octanol/water partition coefficient (K_{ow})	Log K_{ow} = 2.75 at pH 1 Log K_{ow} = 0.46 at pH 5

The chemistry requirements for Nufarm MCPA Technical Acid have been fulfilled.

Health, Environmental and Value Assessments

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

Conclusion

PMRA has reviewed information provided in support of the amendment as described above. Based on this review, the addition of the currently registered manufacturing site to Nufarm MCPA Technical Acid is acceptable for registration.

References

NA

ISSN: 1911-8082

**8 Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services
Canada 2016**

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.