

Glufosinate Ammonium Manufacturing Concentrate Evaluation Report for Category B, Subcategory B.2.1 Application

Application Number: 2006-6851
Application: Category B, Subcategories: B.2.1 (Changes in guarantee)
Product: Glufosinate ammonium manufacturing concentrate
Registration Number: 23184
Active ingredients (a.i.): Glufosinate ammonium technical herbicide
PMRA Document Number : 1462255

Background

This is a category B submission for conversion of the guarantee of glufosinate ammonium manufacturing concentrate herbicide (Reg. No. 23184) from 600 g/L minimum to 50% nominal. While the guarantee could be expressed as 600 g/L nominal (50% x 1.2 g/mL density x 1000 mL/L = 600 g/L), the applicant requested that it be expressed as a percentage in order to avoid potential confusion when listed as a component on SPSFs of end-use products.

Purpose of Application

The purpose of this submission is to convert the guarantee from 50% minimum to 50% nominal, as the guarantee of the TGAI is to be converted from minimum to nominal as well under associated submission 2006-6852. This submission is classified as a Category B.2.1 (Guarantee).

Chemistry Assessment

Glufosinate Ammonium Manufacturing Concentrate is a solution containing the active ingredient glufosinate ammonium at a nominal concentration of 50%. This product has a density of 1.20 Kg/L and pH of 6.0 ± 1 (5% w/v). The chemistry requirements for Glufosinate Ammonium Manufacturing Concentrate are complete.

Health Assessments

A health assessment was not required for this submission.

Environmental Assessment

An environmental assessment was not required for this submission.

Value Assessment

A value assessment was not required for this submission.

Conclusion

The PMRA has completed an assessment of available information for Glufosinate Ammonium Manufacturing Concentrate and has found the information sufficient to support the change in product guarantee.

References

- 1095781 2003, Tetra- to Hepta-Chlorinated Dioxins and Furans in Seven Batches of Technical 2,4-Dichlorophenoxyacetic Acid (2,4-D), Nufarm_0303a, DACO: 2.13.4
- 1316240 2003, Technical 2,4-D; Content in 2,4-D and its different components; Analytical profile of 5 batches; Nufarm GmbH & Co KG; Linz (Austria), 09/C/3953, MRID: N/A, DACO: 2.13.1,2.13.2,2.13.3
- 1316245 2005, 2,4-D (Technical Grade) Acid Physico-Chemical Properties, NUF092/043755, MRID: N/A, DACO: 2.14.1,2.14.13,2.14.2,2.14.3,2.14.6,2.14.8
- 1316247 2006, 2,4-D (Technical Grade) Storage Stability (Source: Linz, Austria), NUF098/054005, MRID: N/A, DACO: 2.14.14
- 1377740 2003, Linz Manufacturing Process of 2,4-D TGAI, NP04/2003, MRID: N/A, DACO: 2.11.1
- 1377741 2007, 2,4-D Technical Acid Manufacturing Update, Linz, Austria, BK150207, MRID: N/A, DACO: 2.11.2

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2007

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.