

Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4 Application

Application Number:	2009-0758
Application:	New MA Product Chemistry – Guarantee, Identity of
	Formulants and Proportion of Formulants
Product:	Sodium Dicambate Manufacturing Concentrate
Registration Number:	29621
Active ingredients (a.i.):	Dicamba [DIC]
PMRA Document Number	: 1867241

Purpose of Application

The purpose of this application was to register a new manufacturing concentrate product, Sodium Dicambate Manufacturing Concentrate, containing dicamba.

Chemistry Assessment

Sodium Dicambate Manufacturing Concentrate is a solid containing the active ingredient dicamba at a nominal concentration of 83.7%. This product has a density of 1.03 g/mL and a pH of 7.16. The chemistry requirements for Sodium Dicambate Manufacturing Concentrate have been completed.

Health Assessments

The toxicological profile of the new manufacturing concentrate is not expected to differ from that of the technical active. Therefore, no toxicity data were required.

Environmental and Value Assessments

Environmental and value assessments were not required for this application.

Conclusion

The PMRA has completed an assessment of available information for Sodium Dicambate Manufacturing Concentrate and has found the information sufficient to support a full registration for this product.



References

Studies/Information Provided by Applicant/Registrant

1253872	Chemistry: Cadence (July 1994), DACO: 3 CBI
1290782	1999, BASF Method F-64 Validation, DACO: 2
1726170	2009, Chemistry Requirements for the Registration of a Manufacturing
	Concentrate Formulated from a Registered Active Ingredient, DACO: 3.1.1,
3.1.2,	
,	3.1.3, 3.1.4
1726171	2009, Description of Starting Materials, DACO: 3.2.1 CBI
1726173	1997, Sodium Dicambate Technical Manufacturing Process Description, DACO:
	3.2.2 CBI
1726174	2009, Establishing Certified Limits, DACO: 3.3.1 CBI
1726175	2009, BAS 183 15 H: GLP Validation of BASF Method AFR0073/02, DACO:
	3.4.1 CBI
1726177	1994, Color of Dicamba Sodium Salt, Technical, DACO: 3.5.1
1726178	2009. Physical State of Dicamba Sodium Salt. Technical. DACO: 3.5.2
1726179	1994, Determination of Odor of Sodium Dicambate Technical, DACO: 3.5.3
1726180	2009. Formulation Type, DACO: 3.5.4
1726181	2009. Container Material and Description. DACO: 3.5.5
1726182	1994, Tap Density of Dicamba Sodium Salt, Technical, DACO: 3.5.6
1726183	1994, pH of Dicamba Sodium Salt, Technical, DACO: 3.5.7
1726187	2009. Oxidizing or Reducing Action of Sodium Dicambate Manufacturing
	Concentrate, DACO: 3.5.8
1726188	1993, Oxidizing or Reducing Action of Dicamba, Technical, DACO: 3.5.8
1726189	2009. Viscosity of Sodium Dicambate Manufacturing Concentrate, DACO: 3.5.9
1726190	2009, Storage Stability of Sodium Dicambate Manufacturing Concentrate,
	DACO: 3.5.10
1726191	1995, Storage Stability of Dicamba Acid, DACO: 3.5.10 CBI
1726192	2009, Flammability of Sodium Dicambate Manufacturing Concentrate, DACO:
	3.5.11
1726193	2009, Explodability of Sodium Dicambate Manufacturing Concentrate, DACO:
	3.5.12
1726194	1993, Explodability of Dicamba. Technical, DACO: 3.5.12
1726195	2008, Miscibility of Sodium Dicambate Manufacturing Concentrate, DACO:
	3.5.13
1726196	2009, Corrosion Characteristics of Sodium Dicambate Manufacturing
	Concentrate, DACO: 3.5.14
1726197	2009, Corrosivity of Dicamba, Technical, DACO: 3.5.14
1726198	2008, Dielectric Breakdown of Sodium Dicambate Manufacturing Concentrate,
	DACO: 3.5.15
1726199	1994, Melting Point of Dicamba Sodium Salt, Technical, DACO: 3.7
1841572	2009, Sodium Dicambate Lot Assays, DACO: 3.3.1 CBI
1841573	2009, Waiver Request for the Exemption from Storage Stability and Corrosion
	Characteristics for Sodium Dicambate Manufacturing Concentrate, DACO:
	3.5.10, 3.5.14

1841574	1995, Storage Stability of Banvel Herbicide, DACO: 3.5.10, 3.5.14
1841575	1995, Determination of Corrosion Characteristics of Banvel Herbicide, DACO:
	3.5.14
1841578	1995, Storage Stability of Banvel SGF, DACO: 3.5.10, 3.5.14
1841579	1995, Determination of Corrosion Characteristics of Banvel SGF, DACO: 3.5.14
1841580	1995, Storage Stability of Dicamba Acid, DACO: 3.5.10, 3.5.14
1841581	2002, BAS 662 01 H: Storage stability and corrosion characteristics in
	commercial type packaging, DACO: 3.5.10, 3.5.14
1841582	2005, BAS 653 00 H: Storage stability and corrosion characteristics in
	commercial type containers, DACO: 3.5.10, 3.5.14
1841583	1996, Storage Stability of Isopropylamine Salt of Dicamba Formulation, DACO:
	3.5.10, 3.5.14
1841584	1995, Determination of corrosion characteristics of Isopropylamine salt
	formulation of Dicamba, DACO: 3.5.14

ISSN: 1911-8082

[®] Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2010

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.