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8EHQ-0206-16297



American
Chemistry
Council

 February 8, 2006
VIA HAND DELIVERY


TSCA Confidential Business Information Center (7407M)
 EPA East - Room 6428 Attn: Section 8(e)
 1201 Constitution Ave NW
 Washington DC 20004-3302

Attention: TSCA 8(e) Coordinator

Contain NO CBI

 RE: Additional Information on Submission Number 8EHQ-05-16297

Dear TSCA 8(e) Coordinator:

The American Chemistry Council's Ethylene and Propylene Glycol Ethers (EGE/PGE) Panel (the Panel) is submitting on behalf of its members^{1,2} draft results of a study with dipropylene glycol methyl ether (DPM, CAS# 34590-94-8). DPM is an isomeric mixture of four isomers. The study is entitled "DPM: Limited *In Vivo* Metabolism Study In Female Crl:CD(Sd) Rats And New Zealand White Rabbits". The objective of this study was to evaluate metabolism of DPM and its metabolite, methoxyacetic acid (MPA). On December 6, 2005, we provided a summary of unaudited draft results for the rat metabolism portion of the study. Data on rabbits were not available at that time. The summarized draft results for the rat and rabbit portions of the study are presented in Table 1 as well as the elimination rate expressed as $t_{1/2}$ (hr). The rat values are higher than those originally reported to account for molecular weight differences between DPM and MPA.

The data provided herein are being submitted pursuant to Section 8(e) of the Toxic Substances Control Act (TSCA). While being submitted in accordance with TSCA 8(e), the Panel has made no determination as to whether a substantial risk of injury to health or the environment is actually presented by these findings.

If you have any questions, please contact me, the Panel Manager, at 703-741-5635 or susan_lewis@americanchemistry.com.

¹ The members of the Panel include Arch Chemical, The Dow Chemical Company, and Lyondell Chemical Company.

² Shell Chemical LP is a former Panel member.



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Table 1 - DPM Metabolism to MPA in Rats and Rabbits

Test Material	Percent 1,2 isomer	Percent 1,1 isomer	Dose Level	Percent Dose as MPA in 72 hr urine	(StdDev)	Elimination $t_{1/2}$ (hr)
Rat:						
A	48.70%	2.40%	25 mg/kg	5.8%	2.5%	7.8
B	81.40%	5.40%	25 mg/kg	9.4%	2.9%	8.1
A	48.70%	2.40%	1000 mg/kg	9.9%	1.9%	8.1
B	81.40%	5.40%	1000 mg/kg	12.3%	0.6%	7.5
Rabbit:						
A	48.70%	2.40%	25 mg/kg	1.7%	0.3%	18.7
B	81.40%	5.40%	25 mg/kg	2.1%	0.2%	20.7
A	48.70%	2.40%	1000 mg/kg	1.5%	0.9%	20.9
B	81.40%	5.40%	1000 mg/kg	2.4%	0.3%	17.4

Best regards,



Susan Anderson Lewis, Ph.D.
 Manager, EGE/PGE Panel

Cc: EGE/PGE Panel
 Ralph Gingell, Shell Chemical LP