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Office of Pollution Prevention and Toxics
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Attention: TSCA Section 8(e) Coordinator

RE: Ethylene Glycol- Preliminary Results in Bladder from One-Year Exposure in Male Wistar Han Rats

Dear Sir or Madam:

The American Chemistry Council Ethylene Oxide/Ethylene Glycols Panel submits this letter on behalf of certain of its members¹ pursuant to Section 8(e) of the Toxic Substances Control Act (TSCA) to inform EPA of certain preliminary findings in male Wistar Han rats from exposure to ethylene glycol at the 300 mg/kg/day dose level. The Panel has not made a determination as to whether a significant risk of injury to health or the environment is actually presented by the preliminary findings.

During this one-year study, three unscheduled deaths occurred at the 300 mg/kg/day dose. Preliminary results indicate that the cause of death is likely related to blockage and calculus effects in the bladder. Calculus formation as a consequence of ethylene glycol administration is a predictable finding given the chronic duration of exposure.

If you have any questions, please contact me at 703-741-5613 or william_gulledge@americanchemistry.com

Sincerely,

William Gulledge
Manager, Ethylene Oxide/Ethylene Glycols
Panel



¹ Companies sponsoring this study are: The Dow Chemical Company, Eastman Chemical Company, Equistar Chemicals LP, Huntsman Corporation, and Shell Chemical Company LP.



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