

8EHQ-0582-15148

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American
Chemistry
Council *Good Chemistry
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59104

May 28, 2002

Via: Messenger Delivery

Document Control Officer (MC-7404)
Office of Pollution Prevention and Toxics
Room 6428
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, NW
Washington, DC 20460-0001

Re: Toxic Substances Control Act- Section 8e

Dear Sir or Madam:



8EHQ-02-15148

Contain NO CBI



88020000134

The Ethylene Oxide Industry Council (EOIC) of the American Chemistry Council, on behalf of its member companies¹, submits this information to inform EPA of two draft reports of epidemiology studies related to ethylene oxide (EO)² conducted by the National Institute of Occupational Safety and Health (NIOSH). The EOIC received these draft reports as part of an on-going peer review of the studies. The EOIC understands that NIOSH, after receiving comments from the peer review, intends to publish these studies in the near future.

The EOIC has not reached a determination whether the material submitted reasonably supports the conclusion that a substantial risk of injury to health or the environment is presented. This letter and the attached studies are being submitted in accordance with TSCA Section 8e for your review.

The following studies are being submitted:

1. **Mortality analysis in a cohort of 18,235 ethylene-oxide exposed workers: follow up extended from 1987 to 1998 by Steenland K, Stayner L and Deddens J.**

¹ The following companies are members of the EOIC: Abbott Laboratories, Arc Chemical, BASF Corporation, Bayer Corporation, Celanese Chemicals on behalf of itself and Old World Industries, The Dow Chemical Company, Eastman Chemical Company, Equistar Chemicals LP, Huntsman Corporation, Honeywell, Sasol North America, Shell Chemical LP, and Sunoco, Inc.

² The CAS Number for Ethylene Oxide is 75-21-8



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2. Ethylene oxide and breast cancer incidence in a cohort study of 7576 women by Steenland K, Whelan E, Deddens J, Stayner L and Ward E.

If you have any questions, please call Bill Gullledge, Manager of the EOIC at (703) 741-5613, or e-mail him at william_gullledge@americanchemistry.com.

Sincerely yours,



Barbara J. Francis
Managing Director, CHEMSTAR

Enclosures