



One Houston Center, Suite 700
 1221 McKinney Street
 Houston, Texas 77010
 Phone: 713.309.7791
 Fax: 713.951.1574
 betsy.duncan@lyondellbasell.com

CERTIFIED MAIL

June 2, 2008

Document Processing Center (7407M)
 EPA EAST - Room 6428
 Office of Pollution Prevention and Toxics
 Environmental Protection Agency
 1200 Pennsylvania Avenue, NW
 Washington DC 20460-0001



08 JUN -9 AM 11:04
 RECEIVED
 JUN 11 2008

Attention: TSCA 8(e) Coordinator

RE: Allyl alcohol (CASRN 107-18-6)-Acute Inhalation Toxicity Study in Male and Female Rats (WIL-14068)

Dear Sir or Madam:

LyondellBasell Industries (Lyondell) hereby submits this letter pursuant to Section 8(e) of the Toxic Substances Control Act (TSCA) and EPA's 1991 Section 8(e) Reporting Guide because it includes findings that EPA may consider reportable. In an acute inhalation toxicity study of allyl alcohol (CASRN 107-18-6) in male and female rats, the following preliminary findings were observed:

1. In females, adverse, but reversible, degenerative changes in nasal and olfactory epithelial tissues were observed 14 days after a 1-hour whole-body inhalation exposure to 50 ppm.
2. In both sexes, exposure to 50 ppm for 8 hours resulted in moderate to severe and, in some animals, irreversible degeneration of the olfactory epithelium.
3. In both sexes, less severe, reversible degeneration of the olfactory epithelium was seen at 10 ppm 14 days after an 8-hour exposure, with hyperplasia and metaplasia of goblet cells in males.

This study was conducted by WIL Research Laboratories, LLC for Lyondell with the preliminary study results provided to Lyondell on May 7, 2008.

A copy of the study final report will be forwarded upon its availability.

Should you have any questions or require additional details, please do not hesitate to call me at 713-309-7791, FAX at 713-951-1574 or by e-mail at betsy.duncan@lyondellbasell.com.

Sincerely,

Betsy Duncan

Betsy Duncan
 Business Consultant-Global Chemical Control
 Lyondell Chemical Company



Cc: CorporateTSCA 8(e) Files

www.lyondell.com

CONTAINS NO CB

Contains No CBI

MR 312156