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August 31, 2006

TSCA Confidential Business Information Center (7407M)
EPA East - Room 6428 Attn: Section 8(e)
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington DC 20460-0001

CONTAIN NO CBI

Attention: TSCA 8(e) Coordinator

RE: Correction to Lyondell 8(e) Letter for TBAC dated August 30, 2006

Dear Sir or Madam:

Lyondell Chemical Company (Lyondell) hereby submits a corrected copy of the letter submitted to EPA on August 30, 2006. The correction to the letter is in the subject line, namely, the title of the submittal letter should be "RE: 13 Week Inhalation Study in Rats," not "RE: 13 Week Inhalation Study in Mice." Lyondell apologizes for any inconvenience this may have caused EPA.

Should you have any questions or require additional details, please do not hesitate to call me at 713-309-7884. I may also be reached by e-mail at timothy.yagley@lyondell.com.

Sincerely,

Timothy J. Yagley
Business Consultant – Chemical Control
Corporate TSCA Coordinator
Lyondell Chemical Company

Enclosure



298443



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August 30, 2006

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EPA East - Room 6428 Attn: Section 8(e)
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington DC 20460-0001

Attention: TSCA 8(e) Coordinator

RE: t-Butyl Acetate – 13 Week Inhalation Study in Rats

Dear Sir or Madam:

Lyondell Chemical Company (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. A 13-week inhalation toxicity study in rats with t-butyl acetate is currently being performed, and exposure concentrations used in this study were 0, 100, 400, and 1600 ppm. Several neurotoxicity endpoints were measured in this study, including functional observation battery (FOB) and locomotive activity. Male rats exposed to 1600 ppm had statistically higher total and ambulatory activity counts during the last 15-minute interval when compared to the concurrent control group. The male rats exposed to 100 and 400 ppm and the female rats from all three exposure groups (100, 400, 1600 ppm) were unaffected. Overall, the activity counts from the 60-minute sessions were comparable for all groups. The pattern of activity in the majority of the males in the 1600 ppm group was higher than the values in the historical control database from the testing laboratory. Lyondell has not made a determination as to whether a significant risk of injury to health or the environment is actually presented by these findings.

A copy of the unaudited data tables are enclosed for your review. The study final report will be provided to EPA, once it becomes available.

Tertiary-butyl acetate is being tested pursuant to the agreement between EPA and Lyondell, as outlined in 69 FR 69304.

Should you have any questions or require additional details, please do not hesitate to call me at 713-309-7884. I may also be reached by e-mail at timothy.yagley@lyondell.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Timothy J. Yagley".

Timothy J. Yagley
Business Consultant – Chemical Control
Corporate TSCA Coordinator
Lyondell Chemical Company

Enclosure