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March 24, 2006

Ms. Amy Mills
Director, IRIS Programs
US Environmental Protection Agency
Charles Glover Building
808 17th Street, NW, Room 620W11
Washington, DC 20006

Re: Ethyl Tertiary Butyl Ether

Dear Ms. Mills,

Further to our letter in respect of the above dated April 2, 2004.

On February 9, 2004 EPA announced IRIS assessments to begin in 2004 for 4 chemicals, including ethyl tertiary butyl ether (ETBE, CAS No. 637-92-3). For the Agency's consideration in preparing the ETBE IRIS assessment, we are providing (enclosed) the following documents on ETBE toxicity information:

1. Final report entitled "ETBE Two-Generation Study (Reproduction and Fertility Effects) by Oral Route (Gavage) in Rats" dated July 16, 2004 by CIT, Cedex, France.
2. IUCLID (word version) with robust summaries of all relevant ETBE studies as of March, 2006.

Please include this study report and updated IUCLID information in the IRIS file for ETBE.

For your information, ETBE is currently undergoing formal 'risk assessment' in the EU. The above information was developed in order to comply with (European) Commission Regulation 1217/2002 on delivery of information pursuant to The Existing Substances Regulation 793/93, (Article 12(2)). Finland is acting as Rapporteur for ETBE in the EU process and a draft Risk Assessment Report is in preparation.

We hope you will find this information useful. If you have any questions on this information, please contact me by phone at 713-309-7192 or by email at marcy.banton@lyondell.com.

Sincerely,


Marcy I. Banton, DVM, PhD, DABVT
Manager, Toxicology
Lyondell Chemical Company