

201-15047



**American
Chemistry
Council** *Greater Chemistry
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COURTNEY M. PRICE
VICE PRESIDENT
CHEMSTAR

January 12, 2004

The Honorable Michael O. Leavitt
Administrator
U.S. Environmental Protection Agency
P. O. Box 1473
Merrifield, VA 22116

RE: Olefins Panel Robust Summaries for Testing and Modeling Conducted
Under the HPV Challenge Program: Propylene Streams Category
HPV Registration No.

Dear Administrator Leavitt:

On November 7, 2001, the American Chemistry Council Olefins Panel (Panel) submitted a Test Plan under the High Production Volume (HPV) Chemical Challenge Program pertaining to the Propylene Streams Category. In the test plan, the Panel proposed to use predictive computer models to develop relevant physical chemical properties, environmental effects and environmental fate data.

With this letter, the Panel submits robust summaries for modeling and calculations outlined in the test plan for the Propylene Streams Category, as listed below:

- Calculated Alga Toxicity
- Calculated Biodegradation
- Calculated Boiling Point Range
- Calculated Daphnid Acute Toxicity
- Calculated Fish Acute Toxicity
- Calculated Hydrolysis (Stability in Water)
- Calculated Melting Point Range
- Calculated Partition Coefficient
- Calculated Photodegradation (Direct)
- Calculated Photodegradation (indirect)
- Calculated Transport/Distribution (Fugacity)
- Calculated Vapor Pressure Range
- Calculated Water Solubility Range

The Panel plans to submit a report on the category in 2004.

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If you have any questions, please contact Dr. Elizabeth Moran, Manager of the Olefins Panel at 301 924 2006 or Elizabeth_Moran@americanchemistry.com.

Sincerely yours,

Courtney M. Price
Vice President, CHEMSTAR

Attachments
cc: R. Hefter (EPA)