

COURTNEY M. PRICE  
VICE PRESIDENT  
CHEMSTAR

December 6, 2004



201-15714

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 Conducted Under the HPV  
Challenge Program: C5 Noncyclics Category  
HPV Registration No.

Dear Administrator Leavitt:

On September 18, 2001, the American Chemistry Council Olefins Panel (Panel) submitted a Test Plan under the High Production Volume (HPV) Chemical Challenge Program pertaining to the C5 Noncyclics Category. On January 11, 2004, the Panel submitted robust summaries for computer modeling studies on this category.

With this letter, the Panel submits robust summaries for testing conducted for this category. Specifically, the following robust summaries are attached:

- Isoprene – Acute Toxicity to Algae
- Isoprene – Acute Toxicity to Daphnia
- Isoprene – Acute Toxicity to Fish
- Isoprene – Biodegradation
- Isoprene – Biodegradation 2
- 2-methyl-2-butene – Acute Toxicity to Algae
- 2-methyl-2-butene – Acute Toxicity to Daphnia
- 2-methyl-2-butene – Acute Toxicity to Fish
- 2-methyl-2-butene – Biodegradation
- 2-methyl-2-butene – Biodegradation 2
- 2-methyl-2-butene – Repeat Dose Toxicity
- 2-methyl-2-butene – Toxicity to Reproduction
- Pyrolysis C5 – Acute Toxicity to Algae
- Pyrolysis C5 – Acute Toxicity to Daphnia
- Pyrolysis C5 – Acute Toxicity to Fish
- Pyrolysis C5 – Biodegradation
- Pyrolysis C5 – Biodegradation 2
- Pyrolysis C5 – Physical Chemical Properties
- Pyrolysis C5 – Ames
- Pyrolysis C5 – Micronucleus
- Pyrolysis C5 – Repeat Dose Toxicity
- Pyrolysis C5 – Toxicity to Reproduction
- Hydrotreated C5 – Acute Toxicity to Algae
- Hydrotreated C5 – Acute Toxicity to Daphnia

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- Hydrotreated C5 – Acute Toxicity to Fish
- Hydrotreated C5 – Biodegradation
- Hydrotreated C5 – Biodegradation 2
- Hydrotreated C5 – Physical Chemical Properties
- Hydrotreated C5 – Ames
- Hydrotreated C5 – Micronucleus
- Hydrotreated C5 – Repeat Dose Toxicity
- Hydrotreated C5 – Toxicity to Reproduction

The Panel plans to submit a report on the category by the end of 2004.

If you have any questions, please contact Dr. Elizabeth Moran, Manager of the Olefins Panel at 301 924 2006 or [Elizabeth\\_Moran@americanchemistry.com](mailto:Elizabeth_Moran@americanchemistry.com).

Sincerely yours,

Courtney M. Price  
Vice President, CHEMSTAR

Attachments

cc: D. Rodier