

July 21, 2004

Dr. C. W. Jameson  
National Toxicology Program  
Report on Carcinogens  
79 Alexander Drive, Building 4401, Room 3118  
P.O. Box 12233  
Research Triangle Park, NC 27709

JUL 22 2004

RE: 12<sup>th</sup> Report on Carcinogens  
Nomination of DEHP for Delisting

Dear Dr. Jameson:

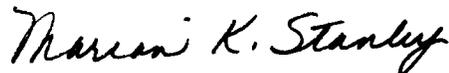
Last week, the American Chemistry Council Phthalate Esters Panel (Panel) submitted materials on di(2-ethylhexyl) phthalate (DEHP), in response to the National Toxicology Program call for public comment on substances proposed for listing or delisting in the 12<sup>th</sup> Report on Carcinogens (RoC). 69 Fed. Reg. 28940 (May 19, 2004). After sending those materials, the Panel became aware of a new study relevant to the issue of whether DEHP can be reasonably anticipated to cause cancer in humans:

Cheung C, Akiyama T, Ward J, Nicol C, Feigenbaum L, Vinson C, Gonzalez F (2004). Diminished hepatocellular proliferation in mice humanized for the nuclear receptor peroxisome proliferator-activated receptor  $\alpha$ . *Cancer Research* 64:3849-3854.

The study used a PPAR $\alpha$ -humanized mouse line. A potent peroxisome proliferator was administered to wild-type mice and the PPAR $\alpha$ -humanized mice. Only the wild-type mice exhibited hepatocellular peroxisome proliferation. The authors state: "This study adds evidence to the idea that carcinogenic effects of peroxisome proliferators are limited to rodents because of intrinsic differences in the PPAR $\alpha$  receptor."

A copy of the study is enclosed. If you have any questions, please call me at (703) 741-5623, email me at [Marian\\_Stanley@americanchemistry.com](mailto:Marian_Stanley@americanchemistry.com), or write me at the address at the bottom of this letter.

Sincerely,



Marian K. Stanley  
Senior Director, CHEMSTAR  
Manager, Phthalate Esters Panel

Attachment



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