

PUBLIC COPY

January 13, 2009

RECEIVED  
7777 3310  
09 JAN 15 11 06:00

Via Federal Express

Document Processing Center (Mail Code 7407M)  
Room 6428  
Attention: 8(e) Coordinator  
Office of Pollution Prevention and Toxics  
U.S. Environmental Protection Agency, ICC Building  
1201 Constitution Ave., NW  
Washington, D.C. 20004

Dear 8(e) Coordinator:

8EHQ-08-17104  
Fluorinated Hydrocarbon

This letter is to inform you of the results of a range-finding inhalation toxicity study in rats with the test substance referenced above.

Four groups of 5 male and 5 female CrL:CD(SD) rats each were exposed to  $0 \pm 0$ ,  $1200 \pm 110$ ,  $10,000 \pm 900$  or  $49,000 \pm 1600$  ppm of the test substance 6 hours/day for 5 consecutive days. One day following the final exposure animals were sacrificed and subject to clinical and histopathology evaluations.

Degeneration of the olfactory epithelium, neutrophilic infiltration and luminal cellular debris in the nasal cavity were noted in male rats exposed to 10,000 ppm and in both male and female rats exposed to 49,000 ppm of the test substance. There were no adverse findings in the clinical pathology evaluation of all exposed animals. Statistically significant reductions in mean body weights were observed in males from the 10,000 and 49,000 ppm groups. Females rats exposed to these concentrations also demonstrated reductions in body weight; however, they were no statistically significant.

Sincerely,



Company Sanitized

316330