

8EHQ-1195-135425

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October 31, 1995

EXPRESS MAIL- RETURN RECEIPT REQUESTED

Document Processing Center (TS-790)
Attention: 8(e) Coordinator
Office of Pollution Prevention and Toxics
U. S. Environmental Protection Agency
401 M Street SW
Washington, D.C. 20460

COMPANY SANITIZED

Dear 8(e) Coordinator:

Ethane, 1-ethoxy-1,1,2,2-tetrafluoro-
CAS Number 512-51-6

This letter informs you of the results of an acute inhalation study we recently conducted with this material.

Groups of 3 rats each were exposed by inhalation for 4 hours. The exposures were conducted at concentrations of approximately 30,000, 18,000, and 5,200 ppm. At approximately 30,000 and 18,000 ppm, the rats had no response to auditory stimuli (narcosis), abnormal gait, lethargy, and labored/irregular breathing. The narcosis was evident during the entire exposure period for both of these concentration levels. The rats recovered from the narcosis within 15 minutes of the end of the exposure. Rats exposed to 5,200 ppm had lethargy during the exposure, but narcosis was not observed. There were no delayed effects at any concentrations tested.

The effects described above are being reported in accordance with the guidance given in the EPA TSCA Section 8(e) Reporting Guide (June, 1991). The test substance is a research chemical, and exposure is extremely limited. We are claiming [red bracket] the company name as confidential business information.

Sincerely,

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