

8EHQ-0294-128895

COMPANY SANITIZED

## SANITIZED VERSION

February 4, 1994

### Contains Confidential Business Information

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, DC 20460

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8EHQ-94-12889  
8894 0000 131  
INIT

Subject: Tetrahydrofuran, (CAS No. 109-99-9)

Ladies and Gentlemen:

The Submitter is submitting preliminary results of a range finding reproduction toxicity study with Tetrahydrofuran. Although The Submitter believes that the information is not indicative of a substantial risk to health or the environment, nor is it an unexpected result, it is being submitted in accordance with Agency guidance on the reportability of data under Section 8(e) of TSCA.

In this study the test substance was administered to 10 male and 10 female rats per group in the drinking water. At least 6 weeks after the beginning of treatment the (F0) animals were mated to produce (F1) litters. The pups were raised to day 4, when litter size was standardized, or until day 21 after birth. Thereafter the study was terminated with sacrifice of the F1 weanlings and F0 adults.

Reduced pup body weight and body weight gain was exhibited at 8000 and 12000 ppm.

Decreased fetal weights have previously been reported in the literature in rats and mice in related (prenatal toxicity) studies after inhalation exposure. (Reference Mast, T. J. *et al.* Fundamental and Applied Toxicology 18:255-265, 1992). Since this type of effect has previously been reported at similar dose levels and because existing workplace practices adequately protect against overexposure, we believe that additional controls are not warranted.

Please note that a the company name is claimed confidential in this submission and a sanitized version of this letter has been enclosed. If you have any questions, please do not hesitate to contact me at (313) 246-6207.

Very truly yours,

Received CSRA  
MM 3/9/94