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Hoechst Celanese

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Department of
Environmental, Health &
Safety Affairs (DEHSA)



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U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, D.C. 20460
Attn: TSCA Section 8(e) Coordinator

Contains No CBI

Dear Sir or Madam:

In accordance with the requirements of TSCA Section 8(e), Hoechst Celanese hereby submits a preliminary report for a 2-week inhalation range-finding study of acetic anhydride vapor (CAS No. 108-24-7) in pregnant and non-pregnant rats. Dose levels were 400, 100 and 25 ppm.

At the 400 ppm dose level, 2 of 5 males died after the first exposure of six hours. Severe respiratory effects were observed for all animals. The remaining males were sacrificed for humane reasons. No females were exposed at the 400 ppm dose level. Respiratory irritation was observed at the lower dose levels.

The final report of this range-finding study will be submitted upon receipt.

This submission contains no confidential business information.

If any further information is required, do not hesitate to contact Dr. Michele R. Sullivan, Director, Product Stewardship at 908-231-4480.

Sincerely,

Susan Engelman
Vice President, Environmental, Health & Safety Affairs

Encl.

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