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DuPont Central Research
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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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Dear 8(e) Coordinator:

8EHQ-1094-13219

This letter is to inform you of the results of a recently conducted acute inhalation study in rats with nitrocyclohexane (CAS#1122-60-7).

In an approximate lethal concentration (ALC) study, 2 groups of 6 male rats each were exposed for 4 hours to vapor concentrations of 122 and 172 ppm (analytically measured) of the test material in air. Fractional mortalities of rats exposed to concentrations of 122 and 172 ppm were 0/6 and 1/6, respectively. No significant clinical signs of toxicity were observed during the exposure or the post-exposure observation period. These results are confirmatory of results previously reported to the agency on October 12, 1994.

Under these experimental conditions, the acute toxicity described above appears to be reportable, based upon EPA guidance regarding the reportability of such data under TSCA Section 8(e) criteria.

Sincerely,

Charles F. Reinhardt

Charles F. Reinhardt, M.D.
Director



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