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



8EHQ-0709-17591A

Dear 8(e) Coordinator:

Carbon Monoxide  
CAS# 630-08-0

This letter is to inform you of the results of a pre-1977 (1970) acute inhalation toxicity study in rats which we recently became aware of with the test substance referenced above.

Groups of six male ChR-CD rats were exposed to the test substance in a 16-liter bell jar chamber for 4 hours. Concentrations were 1185, 1300, 1375, 1960, 2200, or 5650 ppm. The inhalation LC50 was 1300 ppm. During the exposure clinical signs included irregular respiration, no response to sound, red color to ears and eyelids, and slight lacrimation. Post-exposure red color in the ears was present for a short time, sensitive to touch and slight weight loss followed by normal weight gain. On gross examination, all internal organs were a bright red color and the lungs were heavy.

This information is submitted in accordance with current guidance issued by EPA indicating EPA's interpretation of Section 8(e) of the Toxic Substances Control Act or, where it is not clear that reporting criteria have been met, it is submitted as a precautionary measure and because it is information in which EPA may have an interest.

Sincerely,

A. Michael Kaplan, Ph.D.  
Director - Regulatory Affairs

AMK: clp  
(302) 366-5260



DCN: (88090000315)

**Contains No CBI**

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