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for Health and Environmental Sciences
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May 28, 2009

Via Federal Express

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

Dear 8(e) Coordinator:

1-(2-cyanoacetyl)-3-ethyl urea
CAS # 41078-06-2

This letter is to inform you of the results of a pre-1977 (1974) acute oral toxicity study in rats which we recently became aware of with the test substance referenced above.

The test substance in acetone:corn oil was administered by oral gavage to ChR-CD male rats in single doses (one rat per dose). The dose levels were, 670, 2250, 3400, 5000, 7500, and 11000 mg/kg. Survivors were sacrificed 14 days later.

Rats receiving 7500 and 11000 mg/kg were found dead on day 10 and 9, respectively; no mortality was observed in the other dose groups. Approximate Lethal Dose was 7500 mg/kg. Lethargy, ruffled fur and continuous weight loss were noted in found dead animals. Lethargy from 1-8 days, ruffled fur from 5-9 days and weight loss from 2-8 days were noted in surviving rats at 3400 and 5000 mg/kg.

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



8EHQ-0509-17534A

AMK/SSA: clp
(302) 366-5260



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