

MGA# 319460



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DuPont Haskell Global Centers
for Health and Environmental Sciences
1090 Elkton Road, P.O. Box 50
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May 26, 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



8EHQ-0509-17524A

Dear 8(e) Coordinator:

Ethyl 4-Nitrobenzoate
CAS # 99-77-4

This letter is to inform you of the results of an acute oral toxicity study with the test substance referenced above.

The test substance was administered in a 50% corn oil suspension by oral gavage to one group of 5 male and 5 female SD rats at a dose of 5000 mg/kg of body weight. The rats were observed for 14 days after test substance administration.

Three rats died during the study. The LD50 in male and female rats was greater than 5000 mg/kg. Clinical signs consisted of salivation, wet/discolored paws, discoloration around the mouth, discolored inguinal fur, redness around the nose and eyes, wet inguinal fur, red/clear nasal discharge, labored breathing, cyanosis, diarrhea, rough hair coat, hunched posture, chromodacryorrhea, irritability and emaciated.

Salivation was observed in 9/10 rats only on the day of dosing. One female rat that had hunched posture on day 2 was found dead on day 3. Another female rat showed hunched posture on days 2-4 and was found dead on day 5. Hunched posture was also noted on days 2-4 on in one surviving female rat and on days 5 and 6 in another surviving female rat.

Necropsy findings included black foci on the stomach lining, red fluid-filled small intestine and a non-treatment related brown, granular caudate lobe of liver.

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



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