

8EHQ-0901-1347

MR # 5/386



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DuPont Chemical Solutions Enterprise

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September 6, 2001

**Certified Mail—Return Receipt Requested**



8EHQ-91-1347

Document Control Office (7407)  
Attention: TSCA Section 8(e) Coordinator  
Room G99 East Tower  
Office of Pollution Prevention and Toxics  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460-0001

**Contain NO CBI**



Dear 8(e) Coordinator:

8EHQ-0991-1347

This letter is to notify you that in a 90-Day sub-chronic oral (feeding) study initiated last month, and being conducted in rats with the referenced chemical in accordance with OECD Protocol 408, four unscheduled deaths occurred at the end of the first week of dosing.

Groups of 10 male and 10 female Crl:CD(SD) IGS BR rats per dose group are being administered the test compound through the diet. Test concentrations are 0, 10, 50 and 150 mg/kg body weight/day. In-life phase evaluations include clinical observations, detailed physical examinations, sensory reactivity and grip strength, motor activity, body weight changes, food and water consumption and ophthalmic examinations.

Four unscheduled deaths occurred on Day 7. Hunched posture and piloerection were noted for the decedents on Day 5. The animals appeared to have recovered on Day 6 but their condition deteriorated overnight and therefore they were sacrificed on Day 7. Prior to sacrifice the animals were noted to be inappetent, hunched, very underactive, displayed abnormal gait, appeared cold to the touch and had yellow staining of the abdomen. They had also lost about 30 to 40% of their initial body weight.

Postmortem macroscopic pathology revealed small thymus in 4/4 animals, small spleen in 3/4 animals, pale spleen in 1/4 animals, dark adrenals in 2/4 animals, congested corpus of the stomach in 2/4 animals, abnormal contents of the GI tract in 1/4 animals and gaseous distension of the GI tract in 3/4 animals. The significance of these findings will be assessed after microscopy is completed.

No chemical signs attributable to treatment have been observed in the other high dose animals or among the animals in any of the other treatment groups. Accordingly, the study is progressing as designed.

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EPA is being notified of these findings under TSCA §8(e) because, based on the conditions of the assay, these results are apparently reportable, as defined by guidance provided in the Agency's TSCA Section 8(e) Reporting Guide (1991).

You may contact me at 856-540-4576 if there are any questions.

Yours truly,



Kavsy D. Dastur  
Manager, Product Toxicology & Chemical  
Regulations

/mn

By certified Mail

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