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November 11, 2004

8EHQ-1104-15814S

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, ICC Building
1201 Constitution Ave., NW
Washington, D.C. 20460

Dear 8(e) Coordinator:

Urea, N'- (3,4-dichlorophenyl)-N, N-dimethyl-
CAS# 330-54-1

This letter is to inform you of the results of a recently completed *in vivo* genotoxicity study with an R&D proprietary mixture containing approximately [ ] of the above referenced substance.

The test mixture was evaluated for genotoxicity in the *in vivo* mammalian erythrocyte micronucleus test using male and female CrI:CD®(ICR)BR mice. The test mixture was administered once by gavage at dose levels of 0, 500, 1000, or 2000 mg/kg of body weight. The test mixture was delivered in 0.5% aqueous methylcellulose. Concurrent negative (vehicle) controls were included at both sacrifice time points (24- and 48-hours), and a positive cyclophosphamide control was included at the 24-hour sacrifice time point. The mice were observed for clinical signs of toxicity at approximately 1-hour post dosing, 3-5 hours post dosing and prior to the scheduled sacrifice at 24 or 48 hours post dosing.

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The *in vivo* mouse micronucleus test was negative. However, at 2000 mg/kg, mortality occurred in 2/14 female mice. Clinical signs observed in male and female mice dosed at 1000 and 2000 mg/kg included prostration, low carriage, lethargy, and moribundity. At 500 mg/kg, male and female mice showed signs of lethargy and low carriage.

The clinical signs described above are being reported in accordance with the guidance given in the EPA TSCA Section 8(e) Reporting Guide (June 1991).

Sincerely,

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