

ORIGINAL

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DuPont Haskell Global Centers
for Health and Environmental Sciences
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April 16, 2010

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, DC 20004



Dear 8(e) Coordinator:

Urea, N²-(3,4-dichlorophenyl)-N,N-dimethyl- (CAS # 330-54-1) [47%]
1,3,5-Triazine-2,4(1H,3H)-dione, 3-cyclohexyl-6-(dimethylamino)-1-methyl- (CAS # 51235-04-2) [13%]

This letter is to inform you of the results of an acute oral toxicity study in rats with a proprietary mixture containing the two above referenced substances.

An acute oral toxicity study was conducted in rats by gavage with a 50% aqueous solution of the test mixture. Ten male rats were used at each dose level (2000, 4000, 8000, or 16,000 mg/kg body weight). Animals were observed for a period of 14 days. The dosing volume ranged from 2.1 mL for the lower doses, to up to 20 ml. Volumes over 5.0 mL were given in several stages.

At the 2000 and 4000 mg/kg dose levels, animals initially displayed slight lethargy, but were normal after 24 hours and up to the end of the study. At 8000 mg/kg the animals showed exacerbated lethargy, with 8 animals dying between 24 to 72 hours. The two remaining animals were symptom free after 28 hours. At 16,000 mg/kg all animals were markedly lethargic and all died within 72 hours. All animals that survived to the end of the study showed no remarkable effects at autopsy. Animals that survived gained weight over time. Animals that died prematurely, displayed hemorrhagic congestion in the lungs and liver and gastroenteritis. The calculated LD50 value was 6798 mg/kg (moving averages calculation).

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/MB: clp
(302) 366-5260

**CONTAINS NO CBI**

