

ORIGINAL

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MR 326272

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OFFICE

DuPont Haskell Global Centers
for Health and Environmental Sciences
1090 Elkton Road, P.O. Box 50
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10 APR 19 AM 11:00

April 16, 2010

8EHQ-0410-17911A

Via Federal Express

88100000240

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, N'-(3,4-dichlorophenyl)-N,N-dimethyl- (CAS # 330-54-1) [61%]
1,3,5-Triazine-2,4(1H,3H)-dione, 3-cyclohexyl-6-(dimethylamino)-1-methyl- (CAS # 51235-04-2) [17%]

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

A 4-hour nose-only acute inhalation LC50 in rats was conducted according to OECD Guideline No. 403. Five rats/sex were exposed to an atmosphere of the test mixture that was pulverized, sieved and nebulized into the inhalation chamber. The atmosphere was measured gravimetrically by taking 4 samples of the inhalation chamber. Aerodynamic particle size distribution was determined on 2 samples using a seven stage cascade impactor. The Mass Median Aerodynamic Diameter was 5.31 µm, with a Geometric Standard Deviation of 1.8.

No animals died during the study. No exposure-related clinical signs were reported. No gross macroscopic changes were noted. No effects were observed on body weight gain. The inhalation LC50 was determined to be > 12.9 mg/L (male and female rats combined).

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 CB!

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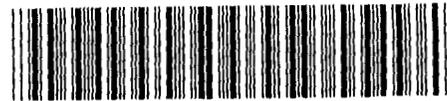
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- FedEx 3Day Freight Third business day * Saturday Delivery NOT available.

Packages over 150 lbs.

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- FedEx Box FedEx Tube Other

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