



DuPont Haskell Laboratory

8EHQ 0697-13971

DuPont Haskell Laboratory
for Toxicology and Industrial Medicine
Elkton Road, P.O. Box 50
Newark, DE 19714-0050

July 3, 1997

Via Federal Express

Document Processing Center (7407)
Attention: 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
401 M Street SW
Washington, D.C. 20460-0001



8EHQ-97-13971

Contains No CBI

Dear 8(e) Coordinator:

Hydrazinecarboxylic Acid, Phenylmethyl Ester
[Benzylcarbazate; CAS # 5331-43-1]

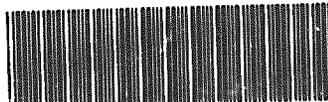
This letter is to inform you of the results of a recently conducted eye irritation screening test with the above referenced test substance.

Single, 57 mg doses of the test substance were instilled into the lower conjunctival sac of the right eyes of 2 albino rabbits. The left eyes served as contralateral controls. The eyes of the rabbits were examined at 1 hour, and on days 1, 2, 3, 7, and 14. The treated eye of one of the rabbits was further examined at 21 days.

Severe corneal opacity, corneal vascularization, moderate iritis, severe conjunctival redness, moderate conjunctival chemosis, blistering of the conjunctiva, and copious discharge were observed in the treated eye of one rabbit. At 21 days, severe corneal opacity, corneal vascularization, moderate iritis and conjunctival redness, and slight chemosis were still present. Mild corneal opacity, epithelial sloughing of the cornea, moderate iritis, conjunctival redness and conjunctival chemosis, blistering of the conjunctiva, and copious discharge were observed in the treated eye of the other rabbit. However, the treated eye of this rabbit was normal by 14 days after instillation.

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

Sincerely,

A handwritten signature in black ink that reads "A. Michael Kaplan" with a long horizontal flourish extending to the right.

A. Michael Kaplan, Ph.D.
Manager-Regulatory Affairs

AMK/CF:jat
(302)366-5260

Best Available Copy