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



DuPont Haskell Laboratory

8EHQ - 0698 - 14196

June 8, 1998

Via Federal Express

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



8EHQ-98-14196

Dear 8(e) Coordinator:

Ethane, 1,2,2-trichloro-1,1-difluoro  
CAS No. 354-21-2

This letter is to inform you of the results of an acute dermal irritation/corrosion study recently conducted with the above referenced material.

Approximately 0.5 mL of the test material was applied directly to the shaved, intact skin of 3 rabbits for a 4-hour exposure. The rabbits were observed for dermal irritation and other dermal effects 1, 24, 48, and 72 hours after the end of the 4-hour exposure and daily from 6 days until 14 days after the exposure period.

The test material produced slight to severe erythema (scores of 1,2,3,4) and slight to moderate edema (scores of 1,2, or 3). All treated rabbits still exhibited mild erythema at 14 days; all edema had subsided by day 11. Other dermal effects observed during the study included epidermal scaling, epidermal sloughing, superficial necrosis, thickening of the skin, a shiny appearance of the skin where sloughing had occurred, raw areas, and eschar formation. Epidermal scaling and sloughing, eschar formation, and/or thickening of the skin were still present in the treated rabbits by 14 days after removal of the test substance.

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

AMK/TAF:jat  
(302) 366-5260



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