



DuPont Central Research
and Development

(A)

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8EHQ-1294-13289

December 19, 1994

ORIGINAL

EXPRESS MAIL- RETURN RECEIPT REQUESTED

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



8EHQ-94-13289
INIT 12/20/94



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Contains No CBI

Dear 8(e) Coordinator:

1,1,2-TRICHLORO-3,3,3-TRIFLUOROPROPENE
CAS 431-52-7

Recently we had occasion to review a pre-1977 (1967) report on the acute inhalation toxicity of 1,1,2-trichloro-3,3,3-tri-fluoropropene. In four-hour inhalation exposures at concentrations between 204 and 960 ppm, the following clinical signs in male rats were reported: incoordination, fasciculations, and reduced response to sound. The approximate lethal concentration (ALC) was 275 ppm.

This is a low level impurity in a R&D process. Since these observations appear to meet the criteria for reporting, as described in EPA's June 1991 "TSCA Section 8(e) Reporting Guide", the Agency is being notified of these results.

Sincerely,

Charles F. Reinhardt

Charles F. Reinhardt, M.D.
Director

CFR/AMK:dj
(302)366-5285

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12/30/94



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JAN 12 1995

EPA acknowledges the receipt of information submitted by your organization under Section 8(e) of the Toxic Substances Control Act (TSCA). For your reference, copies of the first page(s) of your submission(s) are enclosed and display the TSCA §8(e) Document Control Number (e.g., 8EHQ-00-0000) assigned by EPA to your submission(s). Please cite the assigned 8(e) number when submitting follow-up or supplemental information and refer to the reverse side of this page for "EPA Information Requests".

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Please address any further correspondence with the Agency related to this TSCA 8(e) submission to:

Document Processing Center (7407)
Attn: TSCA Section 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
Washington, D.C. 20460-0001

EPA looks forward to continued cooperation with your organization in its ongoing efforts to evaluate and manage potential risks posed by chemicals to health and the environment.

Sincerely,

Terry R. O'Bryan

Terry R. O'Bryan
Risk Analysis Branch

Enclosure

13289 A



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ACUTE INHALATION TOXICITY IN MALE RATS IS OF MEDIUM CONCERN. FOUR-HOUR EXPOSURE TO ATMOSPHERIC CONCENTRATIONS BETWEEN 204 AND 960 PPM WERE ASSOCIATED IN RATS WITH POSSIBLE NEUROTOXICITY AND DEATH. THE APPROXIMATE LETHAL CONCENTRATION (ALD) WAS 275 PPM. CLINICAL SIGNS OF POSSIBLE NEUROTOXICITY INCLUDED INCOORDINATION, FASCICULATIONS AND REDUCED RESPONSE TO SOUND. NO FURTHER DATA WERE PROVIDED.

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