

CODING FORMS FOR SRC INDEXING

Microfiche No.	OTS0559316-1		
New Doc ID	89990000021	Old Doc ID	8EHQ-1098-14195
Date Produced	10/14/98	Date Received	10/15/98
		TSCA Section	8E
Submitting Organization	E I DUPONT DE NEMOURS & CO		
Contractor	DUPONT HASKELL LABORATORY		
Document Title	SUPPORT: LETTER FROM DUPONT CHEM TO USEPA RE PRELIM RESULTS DURING INHALATION EXPOSURE OF RAT BONE MARROW MICRONUCLEUS ASSAY WITH 1,1-DIFLUORO-1,2,2-TRICHLOROETHANE, DATED 10/14/98		
Chemical Category	1,1-DIFLUORO-1,2,2-TRICHLOROETHANE		

OFFICE OF TOXIC SUBSTANCES
CODING FORM FOR GLOBAL INDEXING

REV. 7/27/82

Microfiche No. (7) •	1	No. of Pages	2
Doc I.D.	3	Old Doc I.D.	4
Case No. (s)	5		
Date Produced (6)	6	Date Rec'd (6)	7
		Conf. Code •	8
Check One: <input type="checkbox"/> Publication <input type="checkbox"/> Internally Generated <input type="checkbox"/> Externally Generated			
Pub/Journal Name	9		
Author(s)	10		
Organ. Name	11		
Dept/Div	12		
P.O. Box	13	Street No./Name	14
City	15	State	16
		Zip	17
		Country	18
MID No. (7)	19	D & B NO. (11)	20
Contractor	21		
Doc Type	22		
Doc Title	23		
Chemical Name (300 per name)	25	CAS No. (10)	24

A 04



DuPont Haskell Laboratory

RECEIVED
QPPT NCIC

98 OCT 15 AM 11:23

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

8EHQ-1098-14195

Contains No CBI

October 14, 1998

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 S.W.
Washington, D.C. 20460-0001

MR 11339

PBLW: 88980000162
PDCM: 88980000163

Dear 8(e) Coordinator:

8EHQ-98-14195
8EHQ-98-14196

Contains No CBI

This letter is to inform you of the preliminary results obtained during the inhalation exposure period of a rat bone marrow micronucleus assay with the above referenced test material.

During the exposure period for the micronucleus study, 3 groups of 5-6 male and female Crj:CD¹(SD)IGS BR rats each were exposed (whole body) by inhalation, to vapor atmospheres of the test material at concentrations of 1000, 2000, or 4000 ppm, 6 hours/day, for a total of 2 exposures. One male rat exposed to 4000 ppm died during the first exposure. Narcosis (no response to sound stimulus) was observed in all rats exposed to 2000 or 4000 ppm within the first hour of each exposure and lasted throughout the remainder of each exposure. Ataxia was also observed in 1 male and 1 female rat exposed to 4000 ppm briefly during the initiation of the first exposure. Slightly less severe narcotic effects were noted in rats exposed to 1000 ppm during each exposure, with female rats having diminished or no response to sound stimulus within 1.5 hours of initiation of each exposure and male rats having a normal response to sound stimulus during the first exposure but having a diminished response within 1 hour of initiation of the second exposure. Immediately following each exposure, most rats exposed to 4000 ppm had ataxia and lethargy. All rats recovered from these effects within an hour of the end of each exposure. Instances of slight to moderate body weight losses were observed in some rats following exposures.

Under these experimental conditions, the findings described above appear to be reportable, based upon EPA guidance regarding the reportability of such data under TSCA Section 8(e) criteria.

Sincerely,

A. Michael Kaplan

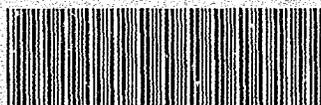
A. Michael Kaplan, Ph.D.
Manager, Regulatory Affairs

RECEIVED
QPPT NCIC
OCT 22 PM 3:00



8EHQ-98-14195

AMK/AJO:jat
(302) 366-5260



89990000021