

ORIGINAL

TSCA NON-CONFIDENTIAL BUSINESS INFORMATION

DOCUMENT DESCRIPTION	DOCUMENT CONTROL NUMBER	DATE RECEIVED
8EHQ-11-18217	88110000101	12 22 10

COMMENTS:

DOES NOT CONTAIN CBI



10 DEC 22 11:48

DuPont Haskell Global Centers
for Health and Environmental Sciences
1090 Elkton Road, P.O. Box 50
Newark, DE 19714-0050

December 21, 2010

Via Federal Express

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



8EHQ-1210-18217A
DCN:88110000101

Dear 8(e) Coordinator:



Formaldehyde
CAS # 50-00-0

DuPont received information from a third party on the above-referenced substance. DuPont has reviewed the information for reportability under TSCA 8(e) and provides below summary of the information that has been determined to meet EPA's TSCA 8(e) criteria for reporting. It is unknown whether the information reported below has been previously reported to EPA by any third party or is otherwise considered known to the Administrator under TSCA 8(e) guidance.

Inhalation Study 1

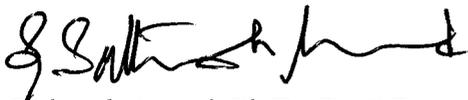
Sprague-Dawley rats were exposed for 1 hour (6 per sex), 3 hours (3 per sex), or 7 hours (3 per sex) to an atmosphere enriched with formaldehyde by passing air through a 5% formaldehyde solution in water at 20°C. The estimated concentration for 5% formaldehyde was 20-21 mg/L. The post exposure observation period was 14 days. Clinical signs observed during and after exposure included escape behavior, watery eyes, nasal secretion, dyspnea, staggered gait and ruffled fur. There were no mortality in the 1-hour exposure group and 1/6 and 6/6 animals died in the 3-hour and 7-hour exposure groups, respectively. No gross lesions in survivors, but dilatation of heart, hyperemia, and slight lung edema were observed in animals found dead.

CONTAINS NO CBI

Inhalation Study 2

Sprague-Dawley rats were exposed for 3 hours (6 per sex) or 7 hours (3 per sex) to an atmosphere enriched with formaldehyde by passing air through a 2.5% formaldehyde solution in water at 20°C. The estimated concentration 2.5% formaldehyde was 17 mg/L. The post exposure observation period was 14 days. Clinical signs observed during exposure included watery and reddened nasal secretion, watery eyes, dyspnea, wheeze and tremor. After exposure staggered gait, ruffled fur and reddened nose with eschar formation were observed. There were no mortality in the 3-hour exposure group and 2/6 animals died in the 7-hour exposure group. No gross lesions in survivors, but dilation of heart, hyperemia, and slight lung edema were observed in animals found dead.

Sincerely,



S. Satheesh Anand, Ph.D., DABT
Senior Research Toxicologist

SSA/SAG: clp
(302) 366-5314

FedEx® US Airbill

Express

FedEx Tracking Number
8729 8477 0060

1 From This portion can be removed for Recipient's records.

Date 10/21/11 FedEX Tracking Number **872984770060**

Sender's Name XXXXXXXXXX Phone 301 615311

Company _____

Address _____ Dept./Floor/Suite/Room _____

City _____ State _____ ZIP _____

2 Your Internal Billing Reference

To Recipient's Name XXXXXXXXXX Phone 301 547 5000

Company XXXXXXXXXX

Address XXXXXXXXXX

City _____ State _____ ZIP _____

Use this line for the HOLID location address or for continuation of your shipping address.



8729 8477 0060



0215

4a Express Package Service

Packages up to 150 lbs.

FedEx Priority Overnight
 Next business morning* Friday
 shipments will be delivered on Monday unless SATURDAY Delivery is selected

FedEx Standard Overnight
 Next business afternoon*
 Saturday Delivery NOT available.

FedEx Express Saver
 Second business day** Thursday
 Third business day**
 Saturday Delivery NOT available.

FedEx First Overnight
 Earliest next business day**
 delivery to select locations.*

4b Express Freight Service

Packages over 150 lbs.

FedEx 1Day Freight
 Next business day** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 2Day Freight
 Second business day** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

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

5 Packaging

FedEx Envelope*
 Includes FedEx Small Pak and FedEx Larger Pak.

FedEx Box

FedEx Tube

Other

6 Special Handling and Delivery Signature Options

SATURDAY Delivery
 NOT available for FedEx Standard Overnight, FedEx Express Saver, or FedEx 3Day Freight.

No Signature Required
 Package may be left without obtaining a signature for delivery.

Direct Signature
 Someone at recipient's address may sign for delivery. **Fee applies.**

Indirect Signature
 Someone at recipient's address may sign for delivery. For residential deliveries only. **Fee applies.**

Does this shipment contain dangerous goods?

No
 One tax must be checked:
 Yes As per attached Shipper's Declaration not required. Dry Ice (UN 1845) x kg
 Yes Shipper's Declaration required. Dry Ice (UN 1845) x kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

Cargo Aircraft Only

7 Payment Bill to:

Sender, Station I will bill

Recipient

Third Party

Credit Card

Cash/Check

Enter FedEx Acct. No. or Credit Card No. below. Urban repd Acct. No. _____

Total Packages _____ Total Weight _____ lbs.

Credit Card Auth. _____

