ORIGINAL

TSCA NON-CONFIDENTIAL BUSINESS INFORMATION

DOCUMENT DESCRIPTION	DOCUMENT CONTROL NUMBER	DATE RECEIVED
8EHQ-10-18123	88110000007	10/12/10

COMMENTS:

DOES NOT CONTAIN CBI

MR# 330485

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

10 OCT 12 AM 8:30

October 11, 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-10-18123

Dear 8(e) Coordinator:

Adipic acid
124-04-9

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.

Acute Oral Toxicity in Rats.

Groups of rats (5/sex/dose group) were administered by gavage, a single dose of the test substance as a 50% suspension in carboxymethyl cellulose vehicle. Dose levels were 1470, 2150, 3160, 4540, 6810, or 10,000 mg/kg of body weight. No mortalities were observed in the 1470 mg/kg group or the 2150 mg/kg group. One female in the 3160 mg/kg group and 2 females in the 4640 mg/kg group died within the first 2 days, while none of the males died. In the 6810 mg/kg group, all females and 2 males died within the first two days. In the 10000 mg/kg group, all animals died within 24 h after dosing.

In the 3160 mg/kg group gasping, apathy, salivation and nose secretion were observed in 1 or 2 animals. These symptoms disappeared within 24 hours. In the 4640 mg/kg group, one day after dosing, irregular respiration, apathy, staggering, and spastic gait were observed. In the 6810 mg/kg dose group, immediately after dosing and one day later, irregular respiration, apathy, lateral or abdominal position, staggering, shaggy fur, spastic gait, and bad general state were observed. Within 3 days the symptoms had disappeared. In the 10,000 mg/kg group, immediately after dosing, irregular respiration, apathy, staggering, shaggy fur, and spastic gait were observed.

LD50 was determined to be 5560 mg/kg.

Sincerely,

A. Michael Kaplan

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

88110000007

AMK/RV: clp
(302) 366-5260

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SPH11

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