

ORIGINAL

TSCA NON-CONFIDENTIAL BUSINESS INFORMATION

DOCUMENT DESCRIPTION	DOCUMENT CONTROL NUMBER	DATE RECEIVED
8EHQ-11- 18 280	88110000164	3-8-11

COMMENTS:

DOES NOT CONTAIN CBI

335090



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

March 7, 2011

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
1201 Constitution Ave., NW
Washington, DC 20004

8EHQ-0311-18280A
DCN: 88110000164

11 MAR - 8 PM 12:10

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MAR 10 2011



Dear 8(e) Coordinator:

Disilver(I)oxide
CAS # 20667-12-3

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 a 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.

The acute toxicity of the test substance was evaluated in rats according to OECD Guideline 401. Groups of rats (5/sex/dose group) were administered by gavage, a single dose of the test substance in peanut oil as vehicle. Dose levels were 2370, 3480, and 5110 mg/kg of body weight. Mortality incidences in the three dose groups were 0/10, 3/10, and 10/10, respectively. LD50 was > 3480 mg/kg. Clinical signs of systemic toxicity noted were slight to severe hypokinesia, stilted gait, slight to moderate clonic convulsions, diarrhea, piloerection, sunken sides, cyanosis, vocalization on handling, strenuous respiration, ante mortem tremor, decrease of muscle tone, general loss of reflexes, decreased temperature, mydriasis, ptosis and lacrimation.

Sincerely,

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

SSA/WJF: clp
(302) 366-5314



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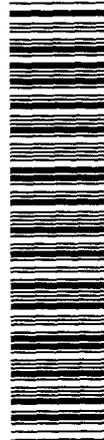
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