

EASTMAN

Eastman Chemical Company
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CONTAINS NO CBI

February 5, 2018

TSCA Confidential Business Information Center (7407M)
EPA East - Room 6428, Attn: Section 8(e)
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue N.W.
Washington, DC 20460-0001

REC'D 005PP TSCA CBI
15 APR 18 PM 12:09

CBIC Control Number
377273

***Re: TSCA Section 8(e) Submission N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylenediamine
(6PPD; CAS# 793-24-8)***

Dear Sir or Madam,

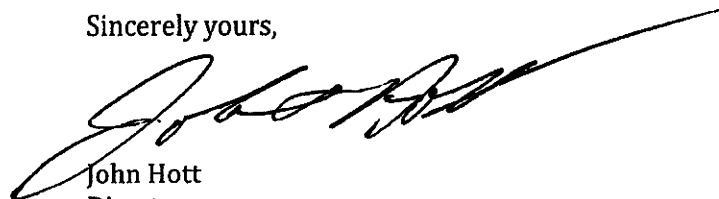
The following information is being submitted by Eastman Chemical Company pursuant to the Environmental Protection Agency's current interpretation and guidance regarding Section 8(e) of the Toxic Substances Control Act (TSCA). This submission is also made in the name of LANXESS Corporation and Sennics Inc.

Eastman has obtained unaudited preliminary data on an ongoing OECD 421 Reproduction/Developmental Toxicity Screening Test for 6PPD. In this study, four (4) groups of fifteen (15) Sprague-Dawley rats were treated with 6PPD in corn oil via oral gavage at concentrations of 0, 50, 75 or 100 mg/kg/day. A number of dams died or were euthanized *in extremis* in late gestation or early-mid lactation phases, as reported by the laboratory in the table attached below.

This testing is being conducted in compliance with an order issued under the European Union's Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals ("REACH") to the European affiliates of Eastman, LANXESS Corporation and Sennics Inc., co-registrants of the substance.

The submission of this information is intended to discharge any TSCA Section 8(e) responsibilities that might exist for these findings. If you have any questions or require further information, please contact Dr. Steven Green at (423) 229-2466.

Sincerely yours,



John Hott
Director
Global Product Stewardship and Regulatory Affairs
Eastman Chemical Company
Kingsport, TN 37660-5075

cc: LANXESS Corporation, Sennics Inc.

Animal No.	Group	Day of death	Clinical signs
2994	50 mg/kg/day	Lactation day (LD) 0	Euth in extremis; dystocia, pale and cool extremities, cool body, labored respiration, decreased defecation, red vaginal discharge, red material urogenital area.
3001	75 mg/kg/day	Gestation day (GD) 23	None; found dead
3038	75 mg/kg/day	LD 1	Euthanized due to total litter loss (pups euthanized in extremis); no significant clin obs.
2969	100 mg/kg/day	LD 2	Euthanized due to total litter loss (pups euthanized in extremis); cool and pale extremities, pale body, red material urogenital area.
3005	100 mg/kg/day	LD 0	Euthanized due to total litter loss (pups euthanized in extremis); cool and pale extremities, pale body, red material urogenital and anogenital area, decreased defecation.
3014	100 mg/kg/day	LD 0	Euth in extremis; prostrate, cool and pale extremities and body, red vaginal discharge.
3021	100 mg/kg/day	GD 24	Euth in extremis; Pale and cool body.
3037	100 mg/kg/day	GD 23	Euth in extremis; cool extremities and body, pale extremities

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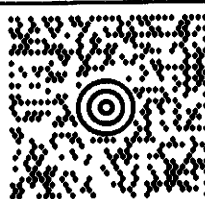
LTR

1 OF 1

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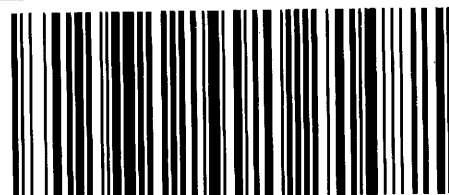
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