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8EHQ-1291-1796	89110000088	1/24/11

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Andrea V. Malinowski
Corporate Counsel



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January 20, 2011

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VIA FEDERAL EXPRESS

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Phone: 202-564-8940

Public Copy
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Re: 8EHQ-1291-1796S (December 13, 1991)
88920000441S
Supplemental Submission - Revised Public Copy

Dear Section 8(e) Coordinator:

Please find enclosed a revised public copy of the above-identified submission, which was previously provided to EPA and assigned the 8EHQ number referenced above. There is no confidential business information claimed in this revised public copy.

Very truly yours,

Andrea V. Malinowski

Enclosure

- December 31, 1991 letter titled "Surfactant Mixture"



CONTAINS NO CBI



E. I. DU PONT DE NEMOURS AND COMPANY
Haskell Laboratory for Toxicology
and Industrial Medicine
P.O. Box 50, Elkton Road
Newark, Delaware 19714

DU PONT CENTRAL RESEARCH AND DEVELOPMENT

December 13, 1991

Express Mail - Return Receipt Requested

Document Processing Center (TS-790)
Attention: 8(e) Coordinator
Office of Toxic Substances
U.S. Environmental Protection Agency
401 M Street SW
Washington DC 20460

Dear Coordinator:

Surfactant Mixture¹

This letter is to inform you of the preliminary results of a recently completed developmental toxicity study.

Groups of 25 rats were dosed by gavage with solutions of the test material in deionized water equivalent to 0, 3, 8, 20, or 50 mg/kg on days 7-16 of gestation (copulation plug detection was designated as day 1). Surviving females were sacrificed on day 22 of gestation and the live fetuses examined for external, visceral and skeletal alterations. Mean fetal weights were significantly reduced for the 50 mg/kg/day group. Mean female fetal weights were significantly reduced for the 20 and 50 mg/kg/day groups. In addition, female fetal weights at 8 mg/kg/day were reduced but this reduction was not statistically significant. There was no other evidence of developmental toxicity at any dose level. Signs of maternal toxicity in the form of decreased weight gain and decreased

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feed consumption were observed in the 20 and 50 mg/kg dose groups. In addition, the incidence of non-specific clinical observations was significantly increased for the two highest dose groups.

We will forward a copy of the final report to EPA when it is available.

Sincerely,

Charles F. Reinhardt

Charles. F. Reinhardt, M.D.
Director

CFR/CAM:dlj
Phone: (302)366-5285

1 Composition of mixture and CAS registry numbers:

- Alpha (p.nonylphenyl) omega-hydroxy poly(oxyethylene)
CAS No. 9016-45-9
- Polyethoxylated primary amine (C8-C18) with an average of
2-20 moles of ethylene oxide CAS No. 61791-26-2
- Ethyleneglycolmono-n-butylether CAS No. 111-76-2

From: (302) 773-0071
Doris Duffy
E. I. du Pont de Nemours & Co.
1007 Market Street
D-7096-1
Wilmington, DE 19898

Origin ID: ZWA



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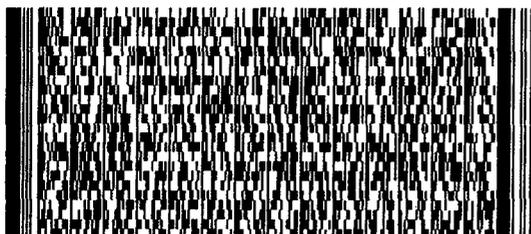
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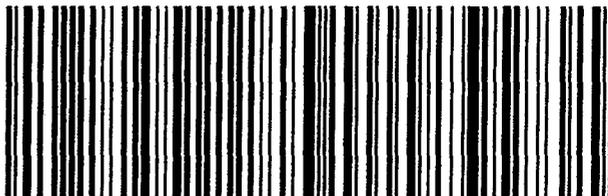
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