

ORIGINAL

TSCA NON-CONFIDENTIAL BUSINESS INFORMATION

DOCUMENT DESCRIPTION	DOCUMENT CONTROL NUMBER	DATE RECEIVED
8EHQ- 91-1796	89110000165	3/14/11

COMMENTS: COMMUN S (DECLASS)

DOES NOT CONTAIN CBI

RECEIVED
APPT. CBIC

11 MAR 14 PM 12:26

COMPANY SANITIZED

91 DEC 17 AM 8:35

2-PAGES

PUBLIC COPY

8EHQ-1291-1796 S WIT

8EHQ-0311-01796C

DCN: 89110000165

December 13, 1991

88920000441 S

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

CONTAINS NO CBI MR-333866

Dear

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



8 9 1 1 0 0 0 0 1 6 5

Page 2

December 13, 1991

2

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,

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

91 DEC 13 AM 9:27

CERTIFICATE OF AUTHENTICITY

THIS IS TO CERTIFY that the microimages appearing on this microfiche are accurate and complete reproductions of the records of U.S. Environmental Protection Agency documents as delivered in the regular course of business for microfilming.

Date produced 5 1 92 Marcia Tubalino
(Month) (Day) (Year) Camera Operator

Place Syracuse New York
(City) (State)



EN