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**TSCA NON-CONFIDENTIAL BUSINESS INFORMATION**

DOCUMENT DESCRIPTION	DOCUMENT CONTROL NUMBER	DATE RECEIVED
8EHQ-93-12730	<b>89110000210</b>	3/22/11

COMMENTS: COMMUN S (DECLASS)

**DOES NOT CONTAIN CBI**

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**The Procter & Gamble Company**  
NA Regulatory & Technical Relations  
One Procter & Gamble Plaza (C-6)  
Cincinnati, OH 45202  
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11 MAR 22 11 03:03

U.S. EPA  
Office of Pollution Prevention and Toxics  
Document Control Office (7407M)  
1200 Pennsylvania Ave., NW  
Washington, DC 20460  
Attn: TSCA Declassification Coordinator

**Re: Declassification Activity-Health and Safety Filing  
8EHQ-93-12730 (EPA DCN 8894000016)**

Dear Sir/Madam:

The Procter & Gamble Company (P&G) provides this submission to amend the Public Display Version of our submission pursuant to the TSCA Section 8(e) requirements.

This amended submission is composed of the following:

- (a) new information provided in this cover letter and its attachment(s); and
- (b) the unaltered original submission which directly follows.

Any CBI substantiation which appears in the original submission is no longer applicable as the information which was originally claimed CBI is disclosed in this revised submission.

Should you have any questions concerning this amended submission, please contact me at (513) 983-2531 or [froelicher.jm@pg.com](mailto:froelicher.jm@pg.com).

Sincerely,

THE PROCTER & GAMBLE COMPANY

Julie Froelicher  
NA Regulatory & Technical Relations Manager  
The Procter & Gamble Company  
One Procter & Gamble Plaza  
Cincinnati, OH 45202  
(513) 983-2531  
[froelicher.jm@pg.com](mailto:froelicher.jm@pg.com)



**Attachment 1**

**Public Display Version**

**CHEMICAL IDENTITY INFORMATION**

**Alcohol Ethoxylate Mixture A**

Alcohols, C6-12, ethoxylated  
CAS#: 68439-45-2

Alcohols, C12-13, ethoxylated  
CAS#: 66455-14-9

Water  
CAS#: 7732-18-5

Ethanol, 2-amino-  
CAS#: 141-43-5

**Alcohol Ethoxylate Mixture B**

Alcohols, C12-16, ethoxylated  
CAS#: 68551-12-2

Alcohols, C10-16, ethoxylated  
CAS#: 68002-97-1

Water  
CAS#: 7732-18-5

Sulfuric acid, monoethyl ester, sodium salt  
CAS#: 142-31-4

1-Decanol, 2-hexyl-  
CAS#: 2425-77-6

Alcohols, C8-10, ethoxylated  
CAS#: 71060-57-6

Fatty acids, palm kernel-oil  
CAS#: 101403-98-9

Ethanol, 2-(2-butoxyethoxy)-  
CAS#: 112-34-5

Carbonic acid disodium salt  
CAS#: 497-19-8

# Procter & Gamble COMPANY SANITIZED

The Procter & Gamble Company  
Ivorydale Technical Center  
3200 Spring Grove Avenue, Cincinnati, Ohio 45217-1087

8EHQ-1093-12730s

October 15, 1993

8EHQ-93-12730  
INIT  
88R40000016s

OIS DOCUMENT RECEIPT 880  
93 OCT 20 AM 11:30

Resistant Processing Center (TS-790)  
(Attention: Section 8(e) Coordinator)  
Office of Toxic Substances  
U.S. Environmental Protection Agency  
401 M Street S.W.  
Washington, D.C. 20460

RE: TSCA Section 8(e) Submission

ATTN: TSCA Section 8(e) Coordinator

This submission is made in accordance with TSCA Section 8(e) requirements. This communicates data on the effects of the oral administration of the two alcohol ethoxylate mixtures described in the attached. These data were generated from two acute oral toxicity studies in mice. The study design, dosing regimen, and formulation description can be found in attachment ..

In the first study, mice were dosed with alcohol ethoxylate mixture A at 0.5 ml/Kg - 5 ml/Kg (attachment 2). There was a dose-dependent lethality in mice treated with the test material. Lethality was seen in all dose groups. Some of the surviving animals showed signs of ataxia, loss of righting reflex, and tremors, but recovered from the effects. These signs of toxicity were observed in all dose groups.

In the second acute oral toxicity study, mice were dosed with 5 ml/Kg of alcohol ethoxylate mixtures A and 1, 2, and 5 ml/Kg of mixture B (attachment 3). Signs of ataxia were observed in 6/10 animals treated with mixture A. All six animals recovered. Alcohol ethoxylate mixture B at 5 ml/Kg dose also showed ataxia in 2/10 animals which disappeared within 1 hour after dosing. No signs of toxicity were observed in animals dosed with 1 or 2 ml/Kg of alcohol ethoxylate mixture B.

We have used the two test materials for R&D purposes only in the US. We have handled and will continue to handle these materials with appropriate caution in our laboratory work in keeping with our standard procedure for handling all chemical substances. We will continue our practice of communicating appropriate hazard information for the test substances by both labels and MSDS.

We are requesting that the specific identities of the test materials be treated as confidential information in this submission. We have not publicly disclosed any business interest or plans regarding the test materials. Measures to protect confidential information include "need to know" internal restrictions within the Company, confidentiality disclosure agreements with potential suppliers, and confidentiality restrictions imposed upon information shared with the agency. Security at our technical centers is

6 pgs.

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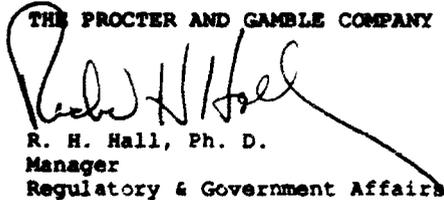
excellent and knowledge of R&D activities pertaining to these materials has been carefully restricted to employees who have a need to know. Disclosure of the specific chemical identities of the test materials would provide competitors with valuable knowledge which is not otherwise available and which could significantly reduce the competitive advantage normally associated with the development and commercialization of new products.

Please note that we have bracketed the information which we regard as legally confidential. This bracketed information has been deleted from a second, public display version of this submission. In the event of a proposed disclosure, notice should be given to J. T. O'Reilly at 513/983-4225.

If you wish further information, please contact me.

Very truly yours,

THE PROCTER AND GAMBLE COMPANY



R. H. Hall, Ph. D.  
Manager  
Regulatory & Government Affairs  
The Procter & Gamble Company  
Telephone: 513/627-5551

Attachments

1 0 0 3

**CHEMICAL IDENTITY INFORMATION**

**Alcohol Ethoxylate Mixture A**

Component

Composition

**Alcohol Ethoxylate Mixture B**

Component

Composition

# ATTACHMENT 1

## Treatment Summary

### Acute oral Toxicity Studies in Mice with Neurobehavioral Parameters

<u>Treatment</u>	<u>Total No. Animals Treated</u>
<b>Study #1</b>	
<b>Alcohol Ethoxylate Mixture A</b>	
5 ml/Kg formula 1.2 g/Kg active	7 F, 5 M
1 ml/Kg formula 0.24 g/Kg active	5 F
1.25 ml/Kg formula 0.3 g/Kg active)	7 M
0.5 ml/Kg formula 0.12 g/Kg active	6 F, 6 M
Water, 10 ml/Kg	5 F, 5 M
60% Ethanol, 10 ml/Kg	5 F, 5 M
<b>Study #2</b>	
<b>Alcohol Ethoxylate Mixture A</b>	
5 ml/Kg formula 1.2 g/Kg active	5 F, 5 M
<b>Alcohol Ethoxylate Mixture B</b>	
5 ml/Kg formula 1.0 g/Kg active	5 F, 5 M
2 ml/Kg formula 0.4 g/Kg active	5 F, 5 M
1 ml/Kg formulag 0.2 g/Kg active	5 F, 5 M

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F = Female, M = Male.

## ATTACHMENT 2

### Summary of Results of Acute Oral Toxicity Study #1 in Mice with Neurobehavioral Parameters

#### Alcohol Ethoxylate Mixture A

<u>Treatment</u>	<u>Total No. Dead Animals / No. Treated Animals</u>		<u>No. of Surviving Animals w/ Neurotoxicity signs and Recovered</u>			
			<u>Ataxia</u>	<u>Tremors</u>	<u>Loss of Righting Reflex</u>	
5 ml/Kg formula 1.2 g/Kg active	4/5 M	4/7 F	1/1 M	1/3 F 1/1 M	1/3 F 1/1 M	2/3 F
1 ml/Kg formula 0.24 g/Kg active		1/4 F		2/3 M	0/3 F	2/3 M
1.25 ml/Kg formula 0.3 g/Kg active		2/7 M		1/5 M	2/5 M	2/5 M
0.5 ml/Kg formula 0.12 g/Kg active		0/6 F 3/6 M		0/6 F 0/3 M	1/6 F 0/3 M	2/6 F 0/3 M
Water, 10 ml/Kg		1/5 F 0/4 M		0/4 F 0/4 M	0/4 F 0/4 M	0/4 F 0/4 M
60% Ethanol, 10 ml/Kg		3/5 F 1/5 M		0/2 F 3/4 M	3/4 F 2/2 M	2/2 F 4/4 M

F = Female, M = Male.

# ATTACHMENT 3

## Summary of Results of Acute Oral Toxicity Study #2 in Mice with Neurobehavioral Parameters

### Alcohol Ethoxylate Mixtures A and B

#### Treatment

#### No. of Animals w/Ataxia and Recovered\*

#### Alcohol ethoxylate Mixture A

5 ml/Kg formula 1.2 g/Kg active	6/10
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#### Alcohol Ethoxylate Mixture B

5 ml/Kg formula 1.0 g/Kg active	2/10
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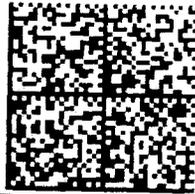
2 ml/Kg formula 0.4 g/Kg active	0/10
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1 ml/Kg formula 0.2 g/Kg active	0/10
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F = Female, M = Male.

\* No deaths occurred in any of the treatment groups.



neopost

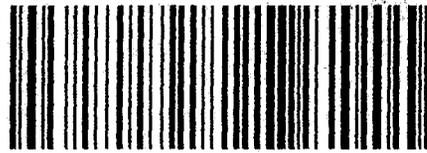
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03/15/2011

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