

# SAFETY DATA SHEET



Issuing Date: 29-Nov-2017

Revision Date: 15-Jan-2018

Version 1.02

This Safety Data Sheet (SDS) is not required under local legislation, implementing the UN Globally Harmonized System (GHS). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product

## 1. IDENTIFICATION

<b>Product Name</b>	Tide With Bleach Alternative HE Club
<b>Product Identifier</b>	PA00213921_RET_NG
<b>Product Type:</b>	Finished Product - Consumer (Retail) Use Only
<b>Recommended Use</b>	Laundry Care.
<b>Restrictions on Use</b>	Use only as directed on label.
<b>Synonyms</b>	91569957_RET_NG
<b>Details of the supplier of the safety data sheet</b>	PROCTER & GAMBLE - Fabric and Home Care Division Ivorydale Technical Centre 5289 Spring Grove Avenue Cincinnati, Ohio 45217-1087 USA  Procter & Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5 1-800-331-3774
<b>E-mail Address</b>	pgsds.im@pg.com
<b>Emergency Telephone</b>	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531

## 2. HAZARD IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.

### Hazard Category

<b>Acute toxicity - Oral</b>	Category 4
<b>Eye Damage / Irritation</b>	Category 2B

<b>Signal Word</b>	WARNING
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<b>Hazard Statements</b>	Causes eye irritation Harmful if swallowed
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## Hazard pictograms



## Precautionary Statements

Wash hands thoroughly after handling  
Do not eat, drink or smoke when using this product

## Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention  
IF SWALLOWED:  
Rinse with plenty of water  
Drink 1 or 2 glasses of water  
Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements - Storage None

Precautionary Statements - Disposal None

Hazards not otherwise classified (HNOC) None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical Name	Synonyms	Trade Secret	CAS-No	Weight-%
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts	Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts	No	68585-34-2	10 - 15
MEA-Dodecylbenzenesulfonate	Benzenesulfonic acid, mono-C10-16-alkyl derivs., compds. with ethanolamine	No	68910-32-7	5 - 10
2,2'-Oxybisethanol	Ethanol, 2,2'-oxybis-	No	111-46-6	1 - 5
Propylene glycol	Propylene Glycol	No	57-55-6	1 - 5
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	No	68081-81-2	1 - 5
Lauramine Oxide	Lauramine Oxide	No	70592-80-2	1 - 5
Ethanol	Ethanol	No	64-17-5	1 - 5
Aziridine, polymer with 2-methyloxirane and oxirane	Aziridine, polymer with 2-methyloxirane and oxirane	No	52501-07-2	1 - 5
Disodium tetraborate pentahydrate	Boron sodium oxide (B4Na2O7), pentahydrate	No	12179-04-3	1 - 5
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	No	68585-47-7	1 - 5
Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-, sodium salt (1:5)	Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-, sodium salt (1:5)	No	140-01-2	0.5 - 1.5

**Additional information** Actual substance concentrations fall within the ranges stated. Maximum values do not necessarily represent the values present in the formula

**4. FIRST AID MEASURES**

**First aid measures for different exposure routes**

**Eye contact** Rinse with plenty of water. Get medical attention immediately if irritation persists.

**Skin contact** Rinse with plenty of water. Get medical attention if irritation develops and persists.

**Ingestion** Rinse mouth. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

**Inhalation** Move to fresh air. If symptoms persist, call a physician.

**Most important symptoms/effects, acute and delayed** None under normal use conditions.

**F. Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media** Dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray.

**Unsuitable Extinguishing Media** None.

**Special hazard** None known.

**Special protective equipment for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Specific hazards arising from the chemical** None.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment. Do not get in eyes, on skin, or on clothing.

**Advice for emergency responders** Use personal protective equipment as required.

**Methods and materials for containment and cleaning up**

**Methods for containment** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible products** None known.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	CAS-No	ACGIH TLV	OSHA PEL	Mexico PEL
Ethanol	64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m <sup>3</sup>
Disodium tetraborate pentahydrate	12179-04-3	STEL: 6 mg/m <sup>3</sup> inhalable particulate matter TWA: 2 mg/m <sup>3</sup> inhalable particulate matter	(vacated) TWA: 10 mg/m <sup>3</sup>	Mexico: TWA 1 mg/m <sup>3</sup>

Chemical Name	CAS-No	Alberta	Quebec	Ontario TWAEV	British Columbia
Propylene glycol	57-55-6			TWA: 10 mg/m <sup>3</sup> TWA: 50 ppm TWA: 155 mg/m <sup>3</sup>	
Ethanol	64-17-5	TWA: 1000 ppm TWA: 1880 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1880 mg/m <sup>3</sup>	STEL: 1000 ppm	STEL: 1000 ppm
Disodium tetraborate pentahydrate	12179-04-3	TWA: 1 mg/m <sup>3</sup> STEL: 3 ppm	TWA: 1 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> STEL: 6 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> STEL: 6 mg/m <sup>3</sup>

No relevant exposure guidelines for other ingredients

**Exposure controls**

**Engineering Measures**

**Distribution, Workplace and Household Settings:**  
Ensure adequate ventilation

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**  
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

**Personal Protective Equipment**

**Eye Protection**

**Distribution, Workplace and Household Settings:**  
No special protective equipment required

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**  
Use appropriate eye protection

**Hand Protection**

**Distribution, Workplace and Household Settings:**  
No special protective equipment required

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**  
Protective gloves

**Skin and Body Protection**

**Distribution, Workplace and Household Settings:**  
No special protective equipment required

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**  
Wear suitable protective clothing

**Respiratory Protection**

**Distribution, Workplace and Household Settings:**  
No special protective equipment required

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**  
In case of inadequate ventilation wear respiratory protection

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State @20°C</b>	Liquid	
<b>Appearance</b>	opaque blue	
<b>Odor</b>	Fruity, Floral	
<b>Odor threshold</b>	No information available	
<u>Property</u>	<u>Values</u>	<u>Note</u>
<b>pH value</b>	8.0 - 8.6	
<b>Melting/freezing point</b>	No information available	
<b>Boiling point / boiling range</b>	No information available	
<b>Flash point</b>	66.9 °C / 152.4 °F	Does not sustain combustion. Product is an aqueous solution containing <=24% alcohol and >=50% water.
<b>Evaporation rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limits in Air</b>		
<b>Upper flammability limit</b>	No information available	
<b>Lower Flammability Limit</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Relative density</b>	No information available	
<b>Water solubility</b>	No information available	
<b>Partition coefficient: n-octanol/water</b>	No information available	
<b>Autoignition temperature</b>	No information available	.
<b>Decomposition temperature</b>	No information available	.
<b>Viscosity</b>	No information available	
<b>VOC Content (%)</b>	Products comply with US state and federal regulations for VOC content in consumer products.	

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	None under normal use conditions.
<b>Stability</b>	Stable under normal conditions.
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous Reactions</b>	None under normal processing.
<b>Conditions to Avoid</b>	None under normal processing.
<b>Incompatible materials</b>	None in particular.
<b>Hazardous Decomposition Products</b>	None under normal use conditions.

**11. TOXICOLOGICAL INFORMATION**

**Product Information**

**Information on likely routes of exposure**

**Inhalation** No known effect.  
**Skin contact** No known effect.  
**Ingestion** May be harmful if swallowed.  
**Eye contact** Irritating to eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Acute toxicity** May be harmful if swallowed.  
**Skin corrosion/irritation** No known effect.  
**Serious eye damage/eye irritation** Irritating to eyes.  
**Skin sensitization** No known effect.  
**Respiratory sensitization** No known effect.  
**Germ cell mutagenicity** No known effect.  
**Neurological Effects** No known effect.  
**Reproductive toxicity** No known effect.  
**Developmental toxicity** No known effect.  
**Teratogenicity** No known effect.  
**STOT - single exposure** No known effect.  
**STOT - repeated exposure** No known effect.  
**Target Organ Effects** No known effect.  
**Aspiration hazard** No known effect.  
**Carcinogenicity** No known effect.

**Component Information**

Chemical Name	CAS-No	Oral LD50	Dermal LD50	Inhalation LC50
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts	68585-34-2	>2001 mg/kg	-	-
MEA-Dodecylbenzenesulfonate	68910-32-7	1570 mg/kg bw	> 2000 mg/kg bw (OECD 402)	-
Ethanol	64-17-5	10470 mg/kg bw (OECD 401)	-	116.9 mg/L air (//OECD 403)
Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-, sodium salt (1:5)	140-01-2	> 5000 mg/kg bw (OECD 401)	> 2000 mg/kg bw (OECD 402)	-

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The product is not expected to be hazardous to the environment.

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

**Mobility** No information available.

**Other adverse effects** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste from Residues/Unused Products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Codes (non-household setting)** 331

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

**15. REGULATORY INFORMATION**

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):.

Chemical Name	CAS-No	Hazardous Substances RQs	Extremely Hazardous Substances RQs	CERCLA/SARA 302 TPQ
Sodium hydroxide	1310-73-2	1000 lb	-	

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):.

Chemical Name	CAS-No	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide	1310-73-2	1000 lb	-	-	X

**California Proposition 65**

This product is not subject to warning labeling under California Proposition 65.

**U.S. State Regulations (RTK)**

Chemical Name	CAS-No	New Jersey
Propylene glycol	57-55-6	X
Ethanol	64-17-5	X

Chemical Name	CAS-No	Massachusetts
Ethanol	64-17-5	X
Disodium tetraborate pentahydrate	12179-04-3	X

Chemical Name	CAS-No	Pennsylvania
2,2'-Oxybisethanol	111-46-6	X

Propylene glycol	57-55-6	X
Ethanol	64-17-5	X
2-Aminoethanol	141-43-5	X
Sodium hydroxide	1310-73-2	X

**International Inventories**

**United States**

All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

**Canada**

This product is in compliance with CEPA for import by P&G.

**Legend**

United States Toxic Substances Control Act Section 8(b) Inventory (TSCA)

**CEPA** - Canadian Environmental Protection Act

**16. OTHER INFORMATION**

**Issuing Date:** 29-Nov-2017

**Revision Date:** 15-Jan-2018

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of SDS**