



SAFETY DATA SHEET

PG84921504

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Version 1

1. IDENTIFICATION

Product Name	Tide HE plus Bleach Alternative
Product ID:	97202565_RET_NG
Product Type:	Finished Product - Consumer (Retail) Use Only
Recommended Use	Laundry Care
Restrictions on Use	Use only as directed on label
Manufacturer	PROCTER & GAMBLE - Fabric and Home Care Division Ivorydale Technical Centre 5289 Spring Grove Avenue, Cincinnati, Ohio 45217-1087 USA
E-mail Address	pgsds im@pg.com
Emergency Telephone	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

Acute toxicity - Oral
Eye Damage / Irritation

Category 4
Category 2B

Signal Word

WARNING

Hazard Statements

Causes eye irritation
Harmful if swallowed

Hazard pictograms



Precautionary Statements -

Wash hands thoroughly after handling

Prevention	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 %
Ethanol, 2-amino-, 2-hydroxy-1,2,3-propanetricarboxylate (1 ?)	-	No	17863-38-6	5 - 10
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts	-	No	68585-34-2	5 - 10
MEA-Dodecylbenzenesulfonate	-	No	68910-32-7	5 - 10
Ceteareth-7	-	No	68439-49-6	1 - 5
Benzenesulfonic acid, mono-C10-16-alkyl derivs, sodium salts	-	No	68081-81-2	1 - 5
Propylene glycol	-	No	57-55-6	1 - 5
2,2'-Oxybisethanol	-	No	111-46-6	1 - 5
Dodecanoic acid, sodium salt (1 1)	-	No	629-25-4	1 - 5
Ethanol	-	No	64-17-5	1 - 5
Disodium tetraborate pentahydrate	-	No	12179-04-3	0 1 - 1 0
Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-, sodium salt (1 5)	-	No	140-01-2	0 1 - 1 0

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

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 ₂ , 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 MEASURESPersonal 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

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 STORAGEPrecautions 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 PROTECTIONControl parametersExposure 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 ³ (vacated) TWA 1000 ppm (vacated) TWA 1900	Mexico TWA 1000 ppm Mexico TWA 1900 mg/m ³

Disodium tetraborate pentahydrate	12179-04-3	STEL 6 mg/m ³ inhalable fraction TWA 2 mg/m ³ inhalable fraction	(vacated) TWA 10 mg/m ³	Mexico TWA 1 mg/m ³
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Chemical Name	CAS-No	Alberta	Quebec	Ontario TWAEV	British Columbia
Propylene glycol	57-55-6			TWA 10 mg/m ³ TWA 50 ppm TWA 155 mg/m ³	
Ethanol	64-17-5	TWA 1000 ppm TWA 1880 mg/m ³	TWA 1000 ppm TWA 1880 mg/m ³	STEL 1000 ppm	STEL 1000 ppm
Disodium tetraborate pentahydrate	12179-04-3	TWA 1 mg/m ³ STEL 3 ppm	TWA 1 mg/m ³	TWA 2 mg/m ³ STEL 6 mg/m ³	TWA 2 mg/m ³ STEL 6 mg/m ³

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 insufficient ventilation wear suitable respiratory equipment

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C	liquid
Appearance	blue
Odor	Floral
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH value	7.7 - 8.6	10% aqueous solution
Melting/freezing point	No information available	
Boiling point/boiling range	No information available	
Flash point	> 65.5 °C / > 150 °F	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper flammability limit	No information available	
Lower flammability limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	1.0000 - 1.0980	
Water solubility	100%	
Solubility in other solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Viscosity of Product	100 - 1100 cps	
VOC Content (%)	Products comply with US state and federal regulations for VOC content in consumer products	

10. STABILITY AND REACTIVITY

Reactivity	None under normal use conditions
Stability	Stable under normal conditions
Hazardous polymerization	Hazardous polymerization does not occur
Hazardous Reactions	None under normal processing
Conditions to Avoid	None under normal processing
Materials to avoid	None in particular
Hazardous Decomposition Products	None under normal use

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	LD50 Oral	LD50 Dermal	LC50 Inhalation
Poly(oxy-1,2-ethanediyl) alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts	68585-34-2	>2001 mg/kg	-	-
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	68081-81-2	1090.00 mg/kg (rat)	-	-
Propylene glycol	57-55-6	-	-	> 317.042 mg/L (Guideline not indicated, rabbit, 2 h)
2,2'-Oxybisethanol	111-46-6	12000.00 mg/kg (rat)	-	-
Glycine, N,N-bis[2-[(carboxymethyl)amino]ethyl]-, sodium salt (1:5)	140-01-2	> 5000 mg/kg bw (Read across data (test substance name not indicated), OECD 401, standard acute method rat)	> 2000 mg/kg bw (OECD 402 and EU Method B.3, standard acute method, rat)	-

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**

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 331
(non-household setting)

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, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355) There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

California Proposition 65

This product is not subject to warning labeling under California Proposition 65
Ethanol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage

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

Chemical Name	CAS-No	Pennsylvania
Propylene glycol	57-55-6	X
2,2'-Oxybisethanol	111-46-6	X
Ethanol	64-17-5	X
Disodium tetraborate pentahydrate	12179-04-3	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

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

CEPA - Canadian Environmental Protection Act

16. OTHER INFORMATION

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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