

# SAFETY DATA SHEET



Issuing Date: 12-May-2022

Revision Date: 23-Feb-2023

Revision Number 6

## 1. IDENTIFICATION

<b>Product Name</b>	Tide Hygienic Clean Heavy Duty Original Scent
<b>Product Identifier</b>	90279087_RET_NG
<b>Product Type:</b>	Finished Product - Retail
<b>Recommended use</b>	Laundry Care.
<b>Restrictions on use</b>	Use only as directed on label.
<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>Flammable liquids</b>	Category 4
<b>Signal word</b>	Warning

<b>Hazard statements</b>	Harmful if swallowed Causes eye irritation
<b>Physical hazards</b>	Combustible liquid

**Hazard pictograms**



**Precautionary Statements**

Wash hands thoroughly after handling  
Do not eat, drink or smoke when using this product  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep container tightly closed

**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  
In case of fire: Use water, CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage** Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal** 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-%
Benzenesulfonic Acid, mono-C10-16-Alkyl Derivs., Sodium Sa	Benzenesulfonic Acid, mono-C10-16-Alkyl Derivs., Sodium Sa	No	68081-81-2	5 - 10
MEA-C10-13 Alkyl Benzenesulfonate	Benzenesulfonic acid, mono-C10-16-alkyl derivs., compds. with ethanolamine/Benzene sulfonic acid, mono-C10-13-alkyl derivs., compds. with ethanolamine	No	68910-32-7	5 - 10
C12-16 Pareth-n	C12-16 Pareth-9	No	68551-12-2	5 - 10
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts/Sulfuric acid, mono-C12-16-alkyl esters, sodium salts	Sulfuric acid, mono-C10-16-alkyl esters, sodium salts/Sulfuric acid, mono-C12-16-alkyl esters, sodium salts	No	68585-47-7	1 - 5
Alcohols, C14-15, ethoxylated (n=7)/Alcohols, C10-16, ethoxylated (n=7)	Alcohols, C14-15, ethoxylated (n=7)/Alcohols, C10-16, ethoxylated (n=7)	No	68951-67-7	1 - 5
Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-alkyl ethers (EO=2.5)/Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate	Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-alkyl ethers (EO=2.5)/Ethanol,	No	162201-45-8	1 - 5

C12-15-branched and linear alkyl ethers (.beta.-branching/EO=2.5)	2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-branched and linear alkyl ethers (.beta.-branching/EO=2.5)			
Disodium tetraborate pentahydrate	Boron sodium oxide (B4Na2O7), pentahydrate	No	12179-04-3	1 - 5
Alcohol	Ethanol (Denaturants Listed Separately)	No	64-17-5	1 - 5
Propylene glycol	Propylene Glycol	No	57-55-6	0.5 - 1.5
Protease	Total Protein (Subtilisin)	No	9014-01-1	0.1 - 1.0

**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

**Description of first aid measures**

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

**Skin contact** Rinse with plenty of water. Call a physician 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. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

**Most important symptoms/effects, acute and delayed** May cause eye irritation

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

**Flammable properties** Combustible liquid

**Suitable extinguishing media** In case of fire: Use water, CO2, dry chemical, or foam for extinction. Dry chemical. Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

**Special Hazard** combustible liquid. Fumes may catch fire.

**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

<b>Personal precautions</b>	Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing.
<b>Advice for emergency responders</b>	Use personal protective equipment as required.
<b>Environmental precautions</b>	Do not discharge product into natural waters without pre-treatment or adequate dilution

### Methods and material for containment and cleaning up

<b>Methods for containment</b>	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.
<b>Methods for cleaning up</b>	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

<b>Advice on safe handling</b>	Keep away from open flames, hot surfaces and sources of ignition. 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.
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### Conditions for safe storage, including any incompatibilities

<b>Technical measures/Storage conditions</b>	Keep away from open flames, hot surfaces and sources of ignition. Store away from other materials.
<b>Storage Conditions</b>	Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources. Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Incompatible products</b>	None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

<b>Exposure Guidelines</b>	No exposure limits noted for ingredient(s).
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No relevant exposure guidelines for other ingredients

### Appropriate engineering controls

<b>Engineering Measures</b>	<b>Distribution, Workplace and Household Settings:</b> Ensure adequate ventilation  <b>Product Manufacturing Plant (needed at Product-Producing Plant ONLY):</b> Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction <b>Manufacturing Sites:</b> Not relevant
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### Personal Protective Equipment

<b>Eye Protection</b>	<b>Distribution, Workplace and Household Settings:</b> No special protective equipment required
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**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**

Use appropriate eye protection

**Manufacturing Sites:**

Wear safety glasses with side shields (or goggles)

No special protective equipment required

**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

**Hygiene Measures**

**Manufacturing Sites:**

Wash hands thoroughly after handling

**Distribution, Workplace and Household Settings:**

Do not eat, drink or smoke when using this product

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	Liquid
<b>Appearance</b>	blue viscous liquid
<b>Odor</b>	Perfumes
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
<b>pH</b>	8.3	
<b>Melting point / freezing point</b>	No information available	
<b>Initial boiling point and boiling range</b>	100 °C / 212 °F	
<b>Flash point</b>	78 °C / 172.4 °F	Closed cup. Product is an aqueous solution containing <=24% alcohol and >=50% water.
<b>Evaporation rate</b>	No information available	
<b>Flammability</b>	No information available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No information available	
<b>Lower flammability or explosive limits</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Relative vapor density</b>	No information available	
<b>Relative density</b>	No information available	
<b>Water solubility</b>	No information available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	No information available	.
<b>Decomposition temperature</b>	No information available	.
<b>Viscosity</b>	No information available	

**VOC Content (%)** Products comply with US state and federal regulations for VOC content in consumer products.  
**VOC content** .?%

### 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** Keep away from open flames, hot surfaces and sources of ignition.  
**Incompatible Materials** None in particular.  
**Hazardous decomposition products** 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. Harmful if swallowed.  
**Eye contact** Irritating to eyes. Avoid contact with 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.  
**Reproductive toxicity** No known effect.  
**Developmental toxicity** No known effect.  
**STOT - single exposure** No known effect.  
**STOT - repeated exposure** No known effect.  
**Aspiration hazard** No known effect.  
**Carcinogenicity** No known effect.

**Component Information**

Chemical name	CAS No	Oral LD50	Dermal LD50	Inhalation LC50
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts/Sulfuric acid, mono-C12-16-alkyl esters, sodium salts	68585-47-7	> 2000 mg/kg ( Rat )	-	-
Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-alkyl ethers (EO=2.5)/Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-branched and linear alkyl ethers (.beta.-branching/EO=2.5)	162201-45-8	> 5000 mg/kg ( Rat )	-	-
Disodium tetraborate pentahydrate	12179-04-3	= 2403 mg/kg ( Rat ) = 2660 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 2 mg/m <sup>3</sup> ( Rat ) 4 h
Alcohol	64-17-5	10470 mg/kg bw (OECD	-	116.9 - 133.8 mg/L air

		401)		(OECD 403)
Propylene glycol	57-55-6	22000 mg/kg bw	> 2000 mg/kg bw	> 44.9 mg/L air
Protease	9014-01-1	1800 mg/kg bw (OECD 401)	-	-

**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**

**Disposal 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**

**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).

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

Chemical name	CAS No	New Jersey
Alcohol	64-17-5	X
Propylene glycol	57-55-6	X

Chemical name	CAS No	Massachusetts
Disodium tetraborate pentahydrate	12179-04-3	X
Alcohol	64-17-5	X

Chemical name	CAS No	Pennsylvania
Alcohol	64-17-5	X
Propylene glycol	57-55-6	X

#### California Proposition 65

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

#### International Inventories

##### Precautionary Statements - Storage

Keep in a dry place

##### 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

#### HMIS

#### NFPA

Issuing Date: 12-May-2022

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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 Safety Data Sheet**