

# SAFETY DATA SHEET



Issuing Date: 03-Mar-2025

Revision date 03-Mar-2025

Revision Number 1

## 1. IDENTIFICATION

<b>Product Name</b>	Tide Evo Free & Gentle
<b>Product Identifier</b>	21321684_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>Synonyms</b>	APP : 21326558
<b>Manufacturer</b>	F&HC INNOVATION CENTER 5299 SPRING GROVE AVE CINCINNATI, OH 45217 +1 513 627-7777
<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. For consumer use in households, follow precautionary and first aid instructions on product label.

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>Skin corrosion/irritation</b>	Category 2
<b>Eye Damage / Irritation</b>	Category 2A
<b>Signal word</b>	Warning

<b>Hazard statements</b>	Causes serious eye irritation Harmful if swallowed Causes skin irritation
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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  
IF ON SKIN:  
Rinse with plenty of water  
If skin irritation occurs: Get medical advice and attention

**Precautionary Statements - Storage** None

**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-%
Sodium Laureth Sulfate	Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts (n=1)/Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C12-14-alkyl ethers, sodium salts (n=1)	No	68585-34-2	20 - 25
Sodium Dodecylbenzenesulfonate	Benzenesulfonic Acid, mono-C10-16-Alkyl Derivs., Sodium Sa	No	68081-81-2	15 - 20
Hydrated Silica	Silica gel, pptd., cryst.-free/Silica (use only for cryst. free silica)	No	112926-00-8	10 - 15
Sodium Carbonate	Sodium Carbonate	No	497-19-8	10 - 15
C12-14 Pareth-n	Alcohols, C12-14, ethoxylated (n=7)	No	68439-50-9	5 - 10
Sodium Lauryl Sulfate	Sulfuric acid, mono-C10-16-alkyl esters, sodium salts/Sulfuric acid, mono-C12-16-alkyl esters, sodium salts	No	68585-47-7	1 - 5
Glycerin	Glycerin	No	56-81-5	1 - 5
Protease	Total Protein (Savinase)	No	9014-01-1	0.1 - 1.0

	Subtilisin)			
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**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.

**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.

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

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

**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.

**Special Provisions** None.

#### 6. ACCIDENTAL RELEASE MEASURES

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

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

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

**Environmental precautions** Should not be released into the environment

##### Methods and material for containment and cleaning up

**Methods for containment** Prevent dust cloud. Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations.

#### 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****Working area parameters, subject to mandatory control (MAC or TSEL)****Exposure Guidelines**

Chemical name	CAS No.	ACGIH TLV	OSHA PEL	Mexico
Hydrated Silica	112926-00-8		TWA: 20 mppcf TWA: (80)/(% SiO <sub>2</sub> ) mg/m <sup>3</sup> (vacated) TWA: 6 mg/m <sup>3</sup> : (80)/(% SiO <sub>2</sub> ) mg/m <sup>3</sup> TWA	
Glycerin	56-81-5		TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	VLE-PPT: 10 mg/m <sup>3</sup>
Protease	9014-01-1	Ceiling: 0.00006 mg/m <sup>3</sup> crystalline active enzyme	(vacated) STEL: 0.00006 mg/m <sup>3</sup> 60 min	VLE-P: 0.00006 mg/m <sup>3</sup>

Chemical name	CAS No.	Alberta	Quebec	Ontario TWAEV	British Columbia
Hydrated Silica	112926-00-8				TWA: 4 mg/m <sup>3</sup> TWA: 1.5 mg/m <sup>3</sup>
Glycerin	56-81-5	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>
Protease	9014-01-1	Ceiling: 0.00006 mg/m <sup>3</sup>	Ceiling: 0.00006 mg/m <sup>3</sup>	CEV: 0.00006 mg/m <sup>3</sup>	Ceiling: 0.00006 mg/m <sup>3</sup> Respiratory Sensitizer

No relevant exposure guidelines for other ingredients

**Appropriate engineering controls****Engineering Measures**

**Distribution and Workplace 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 and Workplace settings:**  
No special protective equipment required

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

**Hand Protection**

**Distribution and Workplace settings:**  
For sensitive skin or prolonged use, wear gloves

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

Protective gloves

**Skin and Body Protection****Distribution and Workplace settings:**  
No special protective equipment required**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**  
Wear suitable protective clothing**Respiratory Protection****Distribution and Workplace 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</b>	Solid	
<b>Appearance</b>	white	
<b>Color</b>	No information available	
<b>Odor</b>	Odorless	
<b>Odor threshold</b>	No information available	
<u>Property</u>	<u>Values</u>	<u>Remarks</u>
<b>pH</b>	11	solution (5 %)
<b>Melting point / freezing point</b>	No information available	
<b>Initial boiling point and boiling range</b>	No information available	
<b>Flash point</b>	No information available	
<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>	Soluble in water	
<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	
<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

<b>Inhalation</b>	No known effect.
<b>Skin contact</b>	Irritating to skin.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Eye contact</b>	Causes serious eye irritation.

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

<b>Acute toxicity</b>	May be harmful if swallowed.
<b>Skin corrosion/irritation</b>	Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Skin sensitization</b>	No known effect.
<b>Respiratory sensitization</b>	No known effect.
<b>Germ cell mutagenicity</b>	No known effect.
<b>Reproductive toxicity</b>	No known effect.
<b>Developmental toxicity</b>	No known effect.
<b>STOT - single exposure</b>	No known effect.
<b>STOT - repeated exposure</b>	No known effect.
<b>Aspiration hazard</b>	No known effect.
<b>Carcinogenicity</b>	No known effect.

### Component Information

Chemical name	CAS No.	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Laureth Sulfate	68585-34-2	4100 mg/kg (RAT)	5001 mg/kg (Rat)	-
Sodium Dodecylbenzenesulfonate	68081-81-2	1.08 g/kg (RAT)	-	-
Hydrated Silica	112926-00-8	5001 mg/kg (RAT)	5001 mg/kg (Rabbit)	21 mg/L (Rat)
Sodium Carbonate	497-19-8	2800 mg/kg (RAT)	5001 mg/kg (RABBIT)	= 2300 mg/m <sup>3</sup> ( Rat ) 2 h
C12-14 Pareth-n	68439-50-9	>300-2000 mg/kg bw (Rat)	> 5000 mg/kg bw	-
Sodium Lauryl Sulfate	68585-47-7	4010 mg/kg (RAT)	5001 mg/kg (RAT)	-
Glycerin	56-81-5	27200 mg/kg (RAT)	56750 mg/kg (Rat)	21 mg/L (Rat)
Protease	9014-01-1	= 3700 mg/kg ( Rat )	-	-

## 12. ECOLOGICAL INFORMATION

### ecotoxicity

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

<b>Persistence and degradability</b>	No information available.
<b>Bioaccumulative potential</b>	No information available.
<b>Mobility</b>	No information available.
<b>Other adverse effects</b>	No information available.

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

<b>Waste from Residues/Unused Products</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	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

##### **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
Hydrated Silica	112926-00-8	X
Glycerin	56-81-5	X

Chemical name	CAS No.	Massachusetts
Hydrated Silica	112926-00-8	X
Glycerin	56-81-5	X

Chemical name	CAS No.	Pennsylvania
Hydrated Silica	112926-00-8	X
Glycerin	56-81-5	X

##### **California Proposition 65**

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

##### **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:** 03-Mar-2025**Revision date** 03-Mar-2025**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**