

# SAFETY DATA SHEET



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Revision Number 1

## 1. IDENTIFICATION

**Product Name** Cascade Total Clean Shine Boost ActionPacs, Fresh Scent

**Product Identifier** 21330584\_RET\_NG

**Product Type:** Finished Product - Retail

**Recommended use** Auto Dishwash.

**Restrictions on use** Use only as directed on label.

**Manufacturer** PROCTER & GAMBLE - Fabric and Home Care Division  
Ivorydale Technical Centre  
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**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. 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**

**Eye Damage / Irritation**  
**Signal word**

Category 1  
Danger

**Hazard statements**  
**Hazard pictograms**

Causes serious eye damage



**Precautionary Statements** Wash hands thoroughly after handling  
Wear eye/face protection

**Precautionary Statements - Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician

**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 Carbonate	Sodium Carbonate	No	497-19-8	20 - 25
Sodium Carbonate Peroxide	Sodium Carbonate Peroxide	No	15630-89-4	5 - 10
Trideceth-n	Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-omega.-hydroxy-(.beta.- and methyl-branching/n=7)/ Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-omega.-hydroxy-, branched (.beta.- and methyl-branching/n=7)	No	9043-30-5	5 - 10
Methyl-1H-benzotriazole	Methyl-1H-benzotriazole	No	29385-43-1	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. Immediately call a doctor.

**Skin contact** Rinse with plenty of water. Call a physician if irritation develops and persists.

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

**Inhalation** IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or poison control center immediately.

**Most important symptoms/effects, acute and delayed** Risk of serious damage to eyes

Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Dry chemical, CO2, alcohol-resistant foam or water spray.
<b>Unsuitable Extinguishing Media</b>	None.
<b>Special Hazard</b>	None known.
<b>Special protective equipment for fire-fighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Special Provisions</b>	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>	Should not be released into the environment

**Methods and material for containment and cleaning up**

<b>Methods for containment</b>	Prevent dust cloud. Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

<b>Advice on safe handling</b>	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>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Incompatible products</b>	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
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
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:**  
Requires Eye Protection

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**  
Wear safety glasses with side shields (or goggles)  
If splashes are likely to occur, wear:  
Tight sealing safety goggles

**Hand Protection**

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

**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>	dual-phase pouch: speckled powder with liquid top
<b>Color</b>	No information available
<b>Odor</b>	Perfumes
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
<b>pH</b>	10.71	
<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 Flash to Boiling (NFTB)	
<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	

Relative density	No information available
Water solubility	completely soluble
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available
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.
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	No known effect.
Eye contact	Risk of serious damage to eyes.

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

Acute toxicity	No known effect.
Skin corrosion/irritation	No known effect.
Serious eye damage/eye irritation	Risk of serious damage 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
Sodium Carbonate	497-19-8	2800 mg/kg (RAT)	5001 mg/kg (Rabbit)	= 2300 mg/m <sup>3</sup> ( Rat ) 2 h
Sodium Carbonate Peroxide	15630-89-4	893 mg/kg (RAT)	5001 mg/kg (Rabbit)	-
Trideceth-n	9043-30-5	> 300 - 2000 mg/kg	> 2000 mg/kg	-
Methyl-1H-benzotriazole	29385-43-1	= 675 mg/kg ( Rat )	5001 mg/kg (Rabbit)	> 1.73 mg/L ( Rat ) 1 h

## 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.
<b>California Hazardous Waste Codes (non-household setting)</b>	331

### 14. TRANSPORT INFORMATION

<b><u>DOT</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated
<b><u>IATA</u></b>	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.	Massachusetts
Sodium Sulfate	7757-82-6	X

Chemical name	CAS No.	Pennsylvania
Sodium Sulfate	7757-82-6	X
Dipropylene Glycol	25265-71-8	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**

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**Key or legend to abbreviations and acronyms used in the safety data sheet**

**DS:** Dermal Sensitizer

**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**