1. IDENTIFICATION

Product Name: Cascade Platinum – Fresh Scent
Product Identifier: 91455107_RET_NG
Product Type: Finished Product - Consumer (Retail) Use Only
Recommended Use: Dish Care.
Restrictions on Use: Use only as directed on label.

Details of the supplier of the safety data sheet
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

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: Eye Damage / Irritation
Category 1

Signal Word: DANGER

Hazard Statements: Causes serious eye damage
3. COMPOSITION/INFORMATION ON INGREDIENTS

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Synonyms</th>
<th>Trade Secret</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>Carbonic acid sodium salt (1:2)</td>
<td>No</td>
<td>497-19-8</td>
<td>20 - 25</td>
</tr>
<tr>
<td>Carbonic acid disodium salt, compd. with hydrogen peroxide</td>
<td>Carbonic acid disodium salt, compd. with hydrogen peroxide</td>
<td>No</td>
<td>15630-89-4</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-(Alfonic TDA-7) / Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (Marlipal O 13/70)</td>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-(Alfonic TDA-7) / Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (Marlipal O 13/70)</td>
<td>No</td>
<td>9043-30-5</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact
Rinse with plenty of water. Call a physician immediately.

Skin contact
Rinse with plenty of water. Get medical attention 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

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, CO₂, 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

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

Control parameters

Exposure Guidelines
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:** 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, 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State @20°C</td>
<td>Solid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>white blue specks</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Scented</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH value</td>
<td>10.7</td>
<td>(as 1% solution)</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>
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.

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>2800 mg/kg bw</td>
<td>&gt; 2000 mg/kg bw (US EPA 16 CFR 1500.40)</td>
<td>-</td>
</tr>
<tr>
<td>Carbonic acid disodium salt, compd. with hydrogen peroxide</td>
<td>15630-89-4</td>
<td>893 mg/kg bw (US EPA 1984)</td>
<td>&gt; 2000 mg/kg bw (US EPA)</td>
<td>-</td>
</tr>
</tbody>
</table>

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(non-household setting)</td>
<td>331</td>
</tr>
</tbody>
</table>

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):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>CERCLA/SARA 302 TPQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbonic acid, zinc salt (1:1)</td>
<td>3486-35-9</td>
<td>1000 lb</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>1000 lb</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

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

U.S. State Regulations (RTK)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Massachusetts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfuric acid sodium salt (1:2)</td>
<td>7757-82-6</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfuric acid sodium salt (1:2)</td>
<td>7757-82-6</td>
<td>X</td>
</tr>
<tr>
<td>Dipropylene glycol</td>
<td>25265-71-8</td>
<td>X</td>
</tr>
<tr>
<td>Cellulose</td>
<td>9004-34-6</td>
<td>X</td>
</tr>
<tr>
<td>Titanium oxide (TiO2)</td>
<td>13463-67-7</td>
<td>X</td>
</tr>
<tr>
<td>alpha-D-Glucopyranoside, beta-D-fructofuranosyl</td>
<td>57-50-1</td>
<td>X</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>X</td>
</tr>
<tr>
<td>Carbonic acid, zinc salt (1:1)</td>
<td>3486-35-9</td>
<td>X</td>
</tr>
<tr>
<td>Kaolin</td>
<td>1332-58-7</td>
<td>X</td>
</tr>
</tbody>
</table>

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: 23-Jun-2017
Revision Date: 23-Jun-2017
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