1. IDENTIFICATION

Product Name: Tide Pods - Fresh Coral Blast
Product Identifier: 91519828_RET_NG
Product Type: Finished Product - Consumer (Retail) Use Only
Recommended Use: Detergent. Laundry 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
Acute toxicity - Oral Category 4
Skin corrosion/irritation Category 2
Eye Damage / Irritation Category 2A
Signal Word: WARNING

Hazard Statements
Causes serious eye irritation
Harmful if swallowed
Causes skin irritation

Hazard pictograms
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>MEA-Dodecylbenzenesulfonate</td>
<td>Benzenesulfonic acid, mono-C10-16-alkyl derivs., compds. with ethanolamine</td>
<td>No</td>
<td>68910-32-7</td>
<td>25 - 30</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>Propylene Glycol</td>
<td>No</td>
<td>57-55-6</td>
<td>10 - 15</td>
</tr>
<tr>
<td>Glycerin</td>
<td>1,2,3-Propanetriol</td>
<td>No</td>
<td>56-81-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Alcohols, C12-16, ethoxylated</td>
<td>Alcohols, C12-16, ethoxylated</td>
<td>No</td>
<td>68551-12-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Alcohols, C14-15, ethoxylated</td>
<td>Alcohols, C14-15, ethoxylated</td>
<td>No</td>
<td>68951-67-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Lauric acid (Dodecanoic acid)</td>
<td>Dodecanoic acid</td>
<td>No</td>
<td>143-07-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-, sodium salt (1:5)</td>
<td>Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl]-, sodium salt (1:5)</td>
<td>No</td>
<td>140-01-2</td>
<td>0.5 - 1.5</td>
</tr>
<tr>
<td>Subtilisin</td>
<td>Subtilisin</td>
<td>No</td>
<td>9014-01-1</td>
<td>0.1 - 1.0</td>
</tr>
</tbody>
</table>

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
Treat symptomatically.

Notes to Physician

**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  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 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.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>Mexico PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>TWA: 15 mg/m³, total particulate&lt;br&gt;TWA: 5 mg/m³, mist, respirable fraction&lt;br&gt;(vacated) TWA: 10 mg/m³, mist, total particulate&lt;br&gt;(vacated) TWA: 5 mg/m³, mist, respirable fraction</td>
<td>Mexico: TWA 10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Subtilisin</td>
<td>9014-01-1</td>
<td>Ceiling: 0.00006 mg/m³, crystalline active enzyme&lt;br&gt;(vacated) STEL: 0.00006 mg/m³ 60 min</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Alberta</th>
<th>Quebec</th>
<th>Ontario TWAEV</th>
<th>British Columbia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>TWA: 10 mg/m³&lt;br&gt;TWA: 50 ppm&lt;br&gt;TWA: 155 mg/m³</td>
<td></td>
<td>TWA: 10 mg/m³&lt;br&gt;TWA: 3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>TWA: 10 mg/m³&lt;br&gt;TWA: 10 mg/m³</td>
<td></td>
<td>TWA: 10 mg/m³&lt;br&gt;TWA: 155 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Subtilisin</td>
<td>9014-01-1</td>
<td>Ceiling: 0.00006 mg/m³&lt;br&gt;Ceiling: 0.00006 mg/m³&lt;br&gt;CEV: 0.00006 mg/m³&lt;br&gt;Ceiling: 0.00006 mg/m³ Sensitizer</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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:
For sensitive skin or prolonged use, wear gloves

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>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Liquid that varies in color</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Perfume</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH value</td>
<td>7.5</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>Not 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>Not available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></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>Not available</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Viscosity of Product</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>Products comply with US state and federal regulations for VOC content in consumer products.</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  Irritating to skin.
Ingestion  May be harmful if swallowed.
Eye contact  Causes serious eye irritation.

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  Irritating to skin.
Serious eye damage/eye irritation  Causes serious eye irritation.
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>MEA-Dodecylbenzenesulfonate</td>
<td>68910-32-7</td>
<td>1570 mg/kg bw</td>
<td>&gt; 2000 mg/kg bw (OECD 402)</td>
<td>-</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>LD50: 23000 mg/kg, bw, ca. OECD GHS. Species: Mouse</td>
<td>LD50: 45 mL/kg, bw. OECD GHS. Species: Guinea pig</td>
<td>L(C)50: 4655, 7 hours, mg/min/L; OECD GHS. Species: Rat</td>
</tr>
<tr>
<td>Alcohols, C14-15, ethoxylated</td>
<td>68951-67-7</td>
<td>&gt; 300 mg/kg bw</td>
<td>&gt; 2000 mg/kg bw</td>
<td>-</td>
</tr>
<tr>
<td>Lauric acid (Dodecanoic acid)</td>
<td>143-07-7</td>
<td>&gt; 5000 mg/kg bw (OECD 401)</td>
<td>&gt; 2000 mg/kg bw (OECD 434)</td>
<td>&gt; 0.1621 mg/L air</td>
</tr>
<tr>
<td>Glycine, N,N-bis[2-[bis(carboxymethyl)amino]ethyl], sodium salt (1:5)</td>
<td>140-01-2</td>
<td>&gt; 5000 mg/kg bw (OECD 401)</td>
<td>&gt; 2000 mg/kg bw (OECD 402)</td>
<td>-</td>
</tr>
<tr>
<td>Subtilisin</td>
<td>9014-01-1</td>
<td>1800 mg/kg bw (//OECD 401)</td>
<td>-</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  .
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, 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>Sodium hydrogensulphite ...%</td>
<td>7631-90-5</td>
<td>5000 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>
<tr>
<td>Formic acid</td>
<td>64-18-6</td>
<td>5000 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):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydrogensulphite ...%</td>
<td>7631-90-5</td>
<td>5000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>1000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Formic acid</td>
<td>64-18-6</td>
<td>5000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

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>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>X</td>
<td></td>
<td></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: 20-Jul-2017
Revision Date: 20-Jul-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