1. IDENTIFICATION

Product Name: Ultra Gain Apple Mango Tango HE
Product ID: 97122119_RET_NG
Product Type: Finished Product - Consumer (Retail) Use Only
Recommended Use: Laundry Care
Restrictions on Use: Use only as directed on label.
Manufacturer: PROCTER & GAMBLE - Fabric and Home Care Division. Ivorydale Technical Centre. 5289 Spring Grove Avenue, Cincinnati, Ohio 45217-1087 USA
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
Eye Damage / Irritation Category 2B

Signal Word: WARNING

Hazard Statements
Causes eye irritation
Harmful if swallowed

Hazard pictograms

Precautionary Statements - Prevention
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

Precautionary Statements - Storage
None

Precautionary Statements - Disposal
None

Hazards not otherwise classified (HNOC)
None

### 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>Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts</td>
<td>-</td>
<td>No</td>
<td>68585-34-2</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Ethanol, 2-amino-, 2-hydroxy-1,2,3-propanetricarboxylate (1:?)</td>
<td>-</td>
<td>No</td>
<td>17863-38-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>-</td>
<td>No</td>
<td>57-55-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>MEA-Dodecylbenzenesulfonate</td>
<td>-</td>
<td>No</td>
<td>68910-32-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Ethanol</td>
<td>-</td>
<td>No</td>
<td>64-17-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Disodium tetraborate pentahydrate</td>
<td>-</td>
<td>No</td>
<td>12179-04-3</td>
<td>0.5 - 1.5</td>
</tr>
<tr>
<td>Glycine, N,N-bis[2-(bis(carboxymethyl)amino)ethyl]-, sodium salt (1:5)</td>
<td>-</td>
<td>No</td>
<td>140-01-2</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

Notes to Physician  Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES
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.

Incompatible products None known.

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></td>
<td></td>
<td>STEL: 1000 ppm</td>
<td>TWA: 1000 ppm</td>
<td>TWA 1000 ppm TWA 1900 mg/m³</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td></td>
<td>(vacated) TWA: 1000 ppm</td>
<td>Mexico: TWA 1000 ppm TWA 1900 mg/m³</td>
</tr>
<tr>
<td>Disodium tetraborate pentahydrate</td>
<td>12179-04-3</td>
<td>STEL: 6 mg/m³ inhalable fraction TWA: 2 mg/m³ inhalable fraction (vacated) TWA: 10 mg/m³</td>
<td></td>
<td>Mexico: TWA 1 mg/m³</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></td>
<td></td>
<td>TWA: 10 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TWA: 50 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TWA: 155 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>
Ethanol 

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5</td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA: 1880 mg/m³</td>
</tr>
</tbody>
</table>

Disodium tetraborate pentahydrate 

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<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>12179-04-3</td>
<td>TWA: 1 mg/m³</td>
</tr>
<tr>
<td></td>
<td>STEL: 3 ppm</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:*

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 insufficient ventilation wear suitable respiratory equipment

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- **Physical State @20°C:** liquid
- **Appearance:** green
- **Odor:** Floral
- **Odor threshold:** No information available

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH value</td>
<td>8.0 - 8.6</td>
<td>10% aqueous 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>&gt; 65.5 °C / &gt; 150 °F</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>
</tbody>
</table>
97122119_RET_NG - Ultra Gain Apple Mango Tango HE

Revision Date: 26-Feb-2015

Vapor pressure  
Vapor density  
Relative density  
Water solubility  
Solubility in other solvents  
Partition coefficient: n-octanol/water  
Autoignition temperature  
Decomposition temperature  
Viscosity of Product  
Oxidizing properties  
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  None under normal processing.
Materials to avoid  None in particular.
Hazardous Decomposition Products  None under normal use.

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.
Eye contact  Irritating to 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.
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>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts</td>
<td>68585-34-2</td>
<td>&gt;2001 mg/kg</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  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 (non-household setting)  331

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, 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)

**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>Ethanol</td>
<td>64-17-5</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,2’-Oxybisethanol</td>
<td>111-46-6</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disodium tetraborate pentahydrate</td>
<td>12179-04-3</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>2-Aminoethanol</td>
<td>141-43-5</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**
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
CEPA - Canadian Environmental Protection Act

**16. OTHER INFORMATION**

<table>
<thead>
<tr>
<th>Issuing Date:</th>
<th>26-Feb-2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision Date:</td>
<td>26-Feb-2015</td>
</tr>
<tr>
<td>Disclaimer</td>
<td></td>
</tr>
</tbody>
</table>

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**