1. IDENTIFICATION

Product Name: Home Made Simple Unscented Laundry Detergent
Product Identifier: 90552880_RET_NG
Product Type: Finished Product - Consumer (Retail) Use Only
Recommended Use: Laundry Care. Detergent.
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
Eye Damage / Irritation: Category 2B
Flammable Liquids: Category 4
Signal Word: WARNING

Hazard Statements
Causes eye irritation
Harmful if swallowed
Combustible liquid

Hazard pictograms
Precautionary Statements

Wash hands thoroughly after handling
Do not eat, drink or smoke when using this product
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed

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
In case of fire: Use water, CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage
Store in a well-ventilated place. Keep cool

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

<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>Propylene glycol</td>
<td>Propylene Glycol</td>
<td>No</td>
<td>57-55-6</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Sodium Lauryl Sulfate</td>
<td>Sodium Lauryl Sulfate</td>
<td>No</td>
<td>68585-47-7</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Alcohols, C12-16, ethoxylated</td>
<td>Alcohols, C12-16, ethoxylated</td>
<td>No</td>
<td>68551-12-2</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Lauramine Oxide</td>
<td>Lauramine Oxide</td>
<td>No</td>
<td>70592-80-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Disodium tetraborate pentahydrate</td>
<td>Boron sodium oxide (B4Na2O7), pentahydrate</td>
<td>No</td>
<td>12179-04-3</td>
<td>0.5 - 1.5</td>
</tr>
</tbody>
</table>

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

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.
F. Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
In case of fire: Use water, CO2, dry chemical, or foam for extinction.

Unsuitable Extinguishing Media
Do not use a solid water stream as it may scatter and spread fire.

Special hazard
Combustible liquid.

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.

Environmental precautions
Should not be released into the environment

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. Prevent further leakage or spillage if safe to do so.

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
Keep away from open flames, hot surfaces and sources of ignition. 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
Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources.

Incompatible products
None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines
No exposure limits noted for ingredient(s).
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 inadequate ventilation wear respiratory protection

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### 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>Opaque beige</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Slight, Chemical</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td><strong>Property</strong></td>
<td><strong>Values</strong></td>
<td><strong>Note</strong></td>
</tr>
<tr>
<td>pH value</td>
<td>8.45</td>
<td></td>
</tr>
<tr>
<td>Melting Point / Freezing Point</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>&gt; 100 °C / 212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>84.1 °C</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information</td>
<td>available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No information</td>
<td>available</td>
</tr>
</tbody>
</table>
Water solubility  No information available
Partition coefficient: n-octanol/water  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  Keep away from open flames, hot surfaces and sources of ignition.
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  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>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>22000 mg/kg bw (standard acute method, rat)</td>
<td>&gt; 2000 mg/kg bw (fixed dose procedure, rabbit)</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 methods

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 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 hydroxide</td>
<td>1310-73-2</td>
<td>1000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

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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>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</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>Propylene glycol</td>
<td>57-55-6</td>
<td>X</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>X</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>X</td>
</tr>
<tr>
<td>9-Octadecenoic acid (9Z)-</td>
<td>112-80-1</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: 20-Nov-2018
Revision Date: 05-Dec-2018
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