### SECTION I: PRODUCT IDENTIFICATION AND USE

**Product Name:** Purifying Hand Wash  
**Manufacturer’s Name:** Seventh Generation, Inc.  
**Address:** 60 Lake Street, Burlington, VT 05401, USA  
**Emergency Telephone Number (U.S., Canada):**  
M-F 8:30 am - 5pm ET (except holidays): 1-800-456-1191  
Outside these hours: 1-800-255-3924 (ChemTel M5007366)  
**Product Use:** Personal care

### SECTION II: HEALTH HAZARD DATA

**Emergency Overview:** No known health hazards.  
**Potential Health Effects:**  
- **Eyes:** Minimal Irritant  
- **Skin:** Non-Irritant  
- **Inhalation:** Unknown  
- **Ingestion:** Non-Toxic

### SECTION III: PRODUCT INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Concentration %</th>
<th>CAS Number</th>
<th>Exposure Limits</th>
<th>Toxicity Data LD&lt;sub&gt;50&lt;/sub&gt; (oral, rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>aqua (water)</td>
<td>30-100</td>
<td>7732-18-5</td>
<td>NAV</td>
<td>NAV</td>
</tr>
<tr>
<td>sodium coco sulfate</td>
<td>3-10</td>
<td>97375-27-4</td>
<td>NAV</td>
<td>1288 mg/kg</td>
</tr>
<tr>
<td>decyl glucoside</td>
<td>3-10</td>
<td>54549-25-6</td>
<td>NAV</td>
<td>&gt;2000 mg/kg</td>
</tr>
<tr>
<td>aloe barbadensis leaf juice</td>
<td>3-10</td>
<td>85507-69-3</td>
<td>NAV</td>
<td>NAV</td>
</tr>
<tr>
<td>glycerin</td>
<td>1-3</td>
<td>56-81-5</td>
<td>NAV</td>
<td>&gt;12000 mg/kg</td>
</tr>
<tr>
<td>magnesium chloride</td>
<td>1-3</td>
<td>7791-18-6</td>
<td>NAV</td>
<td>8100 mg/kg</td>
</tr>
<tr>
<td>glyceryl caprylate/caprate</td>
<td>≤1</td>
<td>91744-32-0</td>
<td>NAV</td>
<td>NAV</td>
</tr>
<tr>
<td>sodium chloride</td>
<td>≤1</td>
<td>7647-14-5</td>
<td>NAV</td>
<td>3000 mg/kg</td>
</tr>
<tr>
<td>coco-glucoside &amp; glyceryl olate</td>
<td>≤1</td>
<td>141464-42-8 &amp; 68424-61-3</td>
<td>NAV</td>
<td>&gt;2000 mg/kg</td>
</tr>
<tr>
<td>citric acid</td>
<td>≤1</td>
<td>77-92-9</td>
<td>NAV</td>
<td>3000 mg/kg</td>
</tr>
<tr>
<td>sodium benzoate (and) potassium sorbate</td>
<td>≤1</td>
<td>532-32-1 &amp; 24634-61-5</td>
<td>NAV</td>
<td>4070 mg/kg &amp; 3800 mg/kg</td>
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<tr>
<td>tetradsodium iminosuccinate</td>
<td>≤1</td>
<td>144538-83-0</td>
<td>NAV</td>
<td>&gt;2000 mg/kg</td>
</tr>
<tr>
<td>essential oils &amp; botanical extracts*</td>
<td>≤1</td>
<td>1144538-83-0</td>
<td>NAV</td>
<td>NAV</td>
</tr>
</tbody>
</table>

*Chamomile: chamomilla recutita (matricaria) flower extract and chamomilla recutita (matricaria) oil.  
Lavender: lavandin, lavender, eucalyptus globulus, pine. Linalool is a component of these essential oils.  
Mandarin: citrus aurantium dulcis (orange) peel oil, citrus grandis (grapefruit) peel oil, citrus nobilis (mandarin orange) peel oil. d-Limonene is a component of these essential oils.  
Peppermint: mentha citrata (mint) oil, eucalyptus globulus leaf oil, mentha arvensis (peppermint) leaf oil, mentha viridis (spearmint) leaf oil, ocimum basilicum (basil) oil, salvia sclarea (clary) oil. d-Limonene and linalool are components of these essential oils.

### SECTION IV: FIRST AID MEASURES

**First Aid Procedures:**  
- **Eyes:** Flush eyes with water immediately after contact. Call a physician if irritation persists.  
- **Skin:** Not Applicable.  
- **Inhalation:** Not Applicable.  
- **Ingestion:** Drink 4-8 ounces of water or milk immediately. If prolonged nausea or pain occurs call a doctor.

### SECTION V: FIRE FIGHTING MEASURES

**Flash Point (°C) and Method:** Non flammable.  
**Extinguishing Media:** As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam.
MATERIAL SAFETY DATA SHEET

**SECTION VI: ACCIDENTAL RELEASE MEASURES**

**Special Procedures:** Fire fighters should wear self contained breathing apparatus as for surrounding fire.

**Spill and Leak Precautions:** Absorb the spill with a paper towel.

**SECTION VII: HANDLING, DISPOSAL & STORAGE**

**Handling Procedures and Equipment:** No unusual precautions necessary.

**Waste Disposal:** Any disposal practice must be in compliance with local, state, and federal laws and regulations.

**Storage Procedures:** KEEP OUT OF REACH OF CHILDREN & PETS.

**Personal Protective Equipment:** Not Applicable.

**SECTION VIII: PHYSICAL & CHEMICAL PROPERTIES**

**Physical State:** Liquid.

**Appearance & Color:** Clear Colorless (water-white)

**pH:** 4.2 - 4.8

**Specific Gravity:** 1.04 - 1.06

**Solubility in Water:** Miscible.

**Odor Threshold Limit:** Not Applicable.

**SECTION IX: STABILITY & REACTIVITY**

**Chemical Stability:** X Stable

**Incompatible Materials:** None known.

**Hazardous Decomposition Products:** None known.

**Possibility of Hazardous Reactions:** None known.

**SECTION X: TOXICOLOGICAL INFORMATION**

**Route(s) of Entry:**

<table>
<thead>
<tr>
<th>(X) Skin Contact</th>
<th>Skin Absorption</th>
<th>X Eye Contact</th>
<th>Inhalation, Acute</th>
<th>Inhalation, Chronic</th>
<th>X Ingestion</th>
</tr>
</thead>
</table>

**Effects of Acute Exposure to Product:** Acute exposure may result in eye irritation, however no permanent damage is expected.

**Effects of Chronic Exposure to Product:** NAP

**LD50 of Product (mg/kg):** >5000

**Chronic Toxicities:** Carcinogenic

**SECTION XI: ECOLOGICAL INFORMATION**

**Ecotoxicity:** LC50 of Product: Not yet known.

**Environmental Fate:** This product is biodegradable.

**SECTION XII: TRANSPORTATION INFORMATION**

Not regulated.

**SECTION XIII: PREPARATION INFORMATION**

**Additional Information:** The information in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or any process.

**Sources Used:** General MSDS chemical references.

<table>
<thead>
<tr>
<th>Prepared by</th>
<th>Telephone Number</th>
<th>Issue Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seventh Generation, Inc.</td>
<td>800-456-1191</td>
<td>5/23/2012</td>
</tr>
</tbody>
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