# MATERIAL SAFETY DATA SHEET

## SECTION I: PRODUCT IDENTIFICATION AND USE

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Cleansing Bar Soap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer’s Name:</td>
<td>Seventh Generation, Inc.</td>
</tr>
<tr>
<td>Address:</td>
<td>60 Lake Street, Burlington, VT 05401, USA</td>
</tr>
<tr>
<td>Emergency Telephone Number (U.S., Canada):</td>
<td>M-F 8:30 am - 5pm ET (except holidays): 1-800-456-1191 Outside these hours: 1-800-255-3924 (ChemTel MIS007366)</td>
</tr>
<tr>
<td>Product Use:</td>
<td>Personal care</td>
</tr>
</tbody>
</table>

## 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>sodium palmate</td>
<td>30-100</td>
<td>NAV</td>
<td>NAV</td>
<td>NAV</td>
</tr>
<tr>
<td>sodium palm kernelate</td>
<td>10-30</td>
<td>NAV</td>
<td>NAV</td>
<td>NAV</td>
</tr>
<tr>
<td>water (aqua)</td>
<td>10-30</td>
<td>7732-18-5</td>
<td>NAV</td>
<td>NAV</td>
</tr>
<tr>
<td>glycerin</td>
<td>≤1</td>
<td>56-81-5</td>
<td>NAV</td>
<td>&gt;12000 mg/kg</td>
</tr>
<tr>
<td>sodium citrate</td>
<td>≤1</td>
<td>68-04-2</td>
<td>NAV</td>
<td>&gt;8000 mg/kg</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>tetrasodium glutamate diacetate</td>
<td>≤1</td>
<td>NAV</td>
<td>NAV</td>
<td>NAV</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>essential oils &amp; botanical extracts*</td>
<td>≤2</td>
<td>NAV</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.

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

## SECTION VI: ACCIDENTAL RELEASE MEASURES
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SECTION VII: HANDLING, DISPOSAL & STORAGE

Spill and Leak Precautions: Not Applicable.

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.

Engineering Controls: Not Applicable.

SECTION VIII: PHYSICAL & CHEMICAL PROPERTIES

Physical State: Solid.

Appearance & Color: Opaque White to light amber

pH: 9 - 11

Specific Gravity: 1.05 - 1.07

Solubility in Water: Soluble.

Odor Threshold Limit: Not Applicable.

SECTION IX: STABILITY & REACTIVITY

Chemical Stability: Stable Unstable under the following conditions:

Incompatible Materials: None known.

Hazardous Decomposition Products: None known.

Possibility of Hazardous Reactions: None known.

SECTION X: TOXICOLOGICAL INFORMATION

Route(s) of Entry: Skin Contact Skin Absorption Eye Contact Inhalation, Acute Inhalation, Chronic Ingestion

Effects of Acute Exposure to Product: Acute exposure may result in eye irritation, however these effects are expected to be transient.

Effects of Chronic Exposure to Product: NAP

LD₅₀ of Product (mg/kg): >5000

Chronic Toxicities: Carcinogenic Reproductive Toxin Teratogenic Mutagenic X None

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.

Prepared by Seventh Generation, Inc.

Telephone Number 800-456-1191

Issue Date 6/20/2012

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