Material Safety Data Sheet: Simple Green® Naturals Liquid Hand Soap

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Simple Green® Naturals Liquid Hand Soap
Additional Names: Simple Green® Naturals Hand Soap
Manufacturer’s Product Code Numbers: 12306 = 16 oz. bottles

Company: Sunshine Makers, Inc.
15922 Pacific Coast Highway
Huntington Harbour, CA 92649 USA

Telephone: 800-228-0709 Fax: 562-592-3830
Emergency Phone: Chem-Tel 24-Hour Emergency Service: 800-225-3924
Use of Product: A ready-to-use liquid soap for home and institutional hand cleaning needs. Apply a pump or two into wet hands, wash & rinse.

Section 2: HAZARDS IDENTIFICATION

NONHAZARDOUS

Simple Green® Naturals Bathroom Cleaner is a clear to pale-straw colored thick liquid with a light sweet-herbal odor. It is non-flammable, non-combustible, non-explosive, and non-reactive.

NFPA/HMIS Rating:
Health, Fire, Reactivity, and Special = 0 = minimal

Eye Contact: No adverse effects expected under typical use conditions.
Skin Contact: No adverse effects expected under typical use conditions. Prolonged, continuous exposure may cause dryness. Under this condition, use of gloves, or skin moisturizer after washing, may be indicated.
Ingestion: May cause stomach or intestinal upset if swallowed (due to detergents properties.)
Inhalation: No adverse effects expected under typical use conditions.
Carcinogens: No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens.
Medical Conditions: No medical conditions are known to be aggravated by exposure to this product.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Substances Present: None
Reportable Substances Present: None

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS#</th>
<th>Vol. to 100% [&lt;0.1, &gt;0.1 &lt;1, &gt;1 &lt;5, &gt;5 &lt;10, &gt;10 = exact amount]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>82.65</td>
</tr>
<tr>
<td>.alpha.-Alkyl (C10-16) .omega.-hydroxyprop (oxyethylene) sulfate, sodium salt</td>
<td>68585-34-2</td>
<td>&gt;5 &lt;10</td>
</tr>
<tr>
<td>Coconut diethanolamide</td>
<td>68603-42-9</td>
<td>&gt;5 &lt;10</td>
</tr>
<tr>
<td>Borates, tetra, sodium salts, pentahydrate</td>
<td>12179-04-3</td>
<td>&gt;0.1 &lt;1</td>
</tr>
<tr>
<td>Sodium chloride (NaCl)</td>
<td>7647-14-5</td>
<td>&gt;0.1 &lt;1</td>
</tr>
<tr>
<td>TSCA-Compliant, IFRA Compliant Fragrance</td>
<td>Fragrance</td>
<td>&gt;0.1 &lt;1</td>
</tr>
<tr>
<td>Alcohols, C12-18, ethoxylated</td>
<td>68213-23-0</td>
<td>&gt;0.1 &lt;1</td>
</tr>
<tr>
<td>Citric acid</td>
<td>77-92-9</td>
<td>0.1</td>
</tr>
</tbody>
</table>

Material Safety Data Sheet: SIMPLE GREEN® NATURALS LIQUID HAND SOAP
Section 4: FIRST AID MEASURES

If in eyes: Flush with plenty of water. After 5 minutes of flushing, remove contact lenses, if present. Continue flushing for at least 10 more minutes, moving lower and upper eyelids away from eye to flush out all product. If irritation persists beyond 12 hours after contact, seek medical attention.

If ingested: Drink plenty of water to dilute. Stomach or intestinal upset may occur due to detersive properties.

Section 5: FIRE FIGHTING MEASURES

This product is non-flammable, non combustible, and non-explosive. Any form of extinguishing media may be used on and around this product.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear eye protection if splashing or misting is likely to occur. Do not rub eyes with hands during cleanup. No special precautions for dermal contact are needed. Wash hands thoroughly after cleaning up spill or leak.

Procedure to follow in case of spill or leak: Evacuate area. Identify source of leak or spill and contain with sand, earth, or containment bin. Then proceed to clean up spill or leak.

Method for cleaning up: Recover all reusable material. Rinse area with plenty of water and mop to sanitary sewer.

Section 7: HANDLING AND STORAGE

No special handling is required. Avoid contact with eyes. Wash hands thoroughly after handling.

Keep in a closed plastic or stainless steel container. Store at ambient temperature. Avoid excessive heat.

Section 8: EXPOSURE CONTROLS/PERSOAL PROTECTION

Eye contact: Access to eye bath or water source is recommended in case of eye contact. Thoroughly wash hands after contact to prevent hand to eye transference.

Eye protection: Goggles or other eye protection are generally not needed under normal use conditions.

Skin protection: Gloves or other skin protection are generally not needed under normal use conditions. Prolonged soaking in the product, pre-existing skin conditions such as dermatitis, or allergic response to contact with the product may warrant the use of gloves, barrier creams, chemical aprons or other skin protection.

General hygiene conditions: There are no known hazards associated with this material when used as recommended.

The following general hygiene considerations are recognized as common good industrial hygiene practices:
- Avoid breathing vapor or mist.
- Avoid contact with eyes.
- Wash thoroughly after handling and before eating, drinking, or smoking.
Material Safety Data Sheet: **Simple Green® Naturals Liquid Hand Soap**  
Version No. 12306-12A       Date of Issue: October 2012  
**ANSI-Z400.1-2003 Format**

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Translucent Clear to Pale-Straw Colored Thickened Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild sweet-herbal scent added</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.025 ± 0.015</td>
</tr>
<tr>
<td>pH</td>
<td>7.0 ± 1.0</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Approx 32°F / 0°C</td>
</tr>
<tr>
<td>Nutrient Content</td>
<td>Phosphorous/Phosphates:0 (by formula)</td>
</tr>
<tr>
<td>VOCs (Percent Volatiles by Volume)</td>
<td>&lt; 0.5%</td>
</tr>
<tr>
<td>Flash Point</td>
<td>None</td>
</tr>
<tr>
<td>Flame Extension</td>
<td>N/A</td>
</tr>
<tr>
<td>Viscosity</td>
<td>2,000 – 3,000 cps</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>≥ 212°F / 100°C</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>100%</td>
</tr>
</tbody>
</table>

**Section 10: STABILITY AND REACTIVITY**

- **Stability:** Stable
- **Materials to Avoid:** None known
- **Hazardous Decomposition Products:** None expected

**Section 11: TOXICOLOGICAL INFORMATION**

Values have been calculated from the known toxicity of ingredients using *Calculation from OECD series on testing and assessment number 33, Chapter 3.2*. No animal tests were performed on this product.

**Acute Toxicity:**  
- Oral LD₅₀ >5g/kg body weight  
- Dermal LD₅₀ >2 g/kg body weight

**Eye Irritation:** Mild reversible eye irritation may occur. This potential is reduced by immediate rinsing of eyes in case of eye contact.

**Dermal Irritation:** Not expected.

**Allergic Reaction:** Based on knowledge of ingredients, this product has no overt potential to create skin allergy or allergic reaction.

**Repeat Exposure Via Skin Contact:** Skin irritation not expected.

**Section 12: ECOLOGICAL INFORMATION**

- **Hazard to wild mammals:** None, based on ingredient information
- **Hazard to avian species:** None, based on ingredient information
- **Hazard to aquatic organisms:** None, based on ingredient information
- **Chemical Fate Information:** Ingredients of this product are all 100% naturally derived and because all are readily biodegradable, mixture as a whole can be said to be biodegradable. When used according to label instructions and disposed of according to prevailing laws, ingredients of this product will not cause endocrine disruption, will not bio-accumulate, and will not pollute water tables.

**Section 13: DISPOSAL CONSIDERATIONS**

- **Unused Product:** *Dilute with water and dispose by sanitary sewer or septic system.
- **Empty Container:** *Product residues can be completely removed by rinsing with water. This container should be recycled (#2 PET plastic) or applied to other uses. Trigger spray-head should be reused or submitted separately for recycling.*

*Dispose of used or unused product, and empty containers in accordance with the local, State, Provincial, and Federal regulations for your location. It is a violation of Federal law to allow any cleaner (fresh or used) to enter into lakes, streams, and open bodies of water or into storm drains.

**Section 14: TRANSPORT INFORMATION**

- **IATA Proper Shipping Name:** Detergent solution
- **Hazard Class:** Nonhazardous
Section 15: REGULATORY INFORMATION

Reportable components: None
All components are listed on: EINECS & TSCA Inventory
No components listed under: Clean Air Act
TSCA TIR Reporting: Not required / Not listed

RCRA Status: Not a hazardous waste.
CERCLA Status: No components listed
CA PROP. 65 Status: No components listed
NJRTK: No components listed

WHMIS Classification – Not classified
Name None
Toxic Substances List – Schedule 1 – CEPA (Canadian Environmental Protection Act) No

NPRI Inventory No

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by Canada’s Controlled Products Regulation.

Section 16: OTHER INFORMATION

Questions about the information found on this MSDS should be directed to:
SUNSHINE MAKERS, INC. – TECHNICAL DEPARTMENT 15922 Pacific Coast Hwy. Huntington Harbour, CA 92649
Phone: 800/228-0709 [8am-5pm Pacific time, Mon-Fri] Fax: 562/592-3830 Email: infoweb@simplegreen.com

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