

# MATERIAL SAFETY DATA SHEET

## SECTION I: PRODUCT IDENTIFICATION AND USE

**Product Name:** Natural Hand Wash

**Manufacturer's Name:** Seventh Generation, Inc.

**Address:** 60 Lake Street, Burlington, VT 05401-5281

**Emergency Telephone Number:** 800-456-1191

**Product Use:** Hand Wash

## 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

Ingredient Name	Concentration (%)	CAS Number	Exposure Limits	Toxicity Data LD <sub>50</sub> (oral, rat)
Aqua	50-100	7732-18-5	NAV	NAV
Sodium Coco Sulfate	1-10	68955-19-1	NAV	1,288 mg/kg
Decyl Glucoside	1-10	54549-25-6	NAV	>2,000 mg/kg
Aloe Barbadensis Leaf Extract	1-10	85507-69-3	NAV	NAV
Glycerin	1-10	56-81-5	NAV	>12,000 mg/kg
Magnesium Chloride	1-10	7791-18-6	NAV	8,100 mg/kg
Sodium Chloride	0.1-1	7647-14-5	NAV	3,000 mg/kg
Glyceryl Caprylate/Caprates	0.1-1	91744-32-0	NAV	NAV
Coco-Glucoside	0.1-1	141464-42-8	NAV	>2,000 mg/kg
Glyceryl Oleate	0.1-1	68424-61-3	NAV	>2,000 mg/kg
Citric Acid	0.1-1	77-92-9	NAV	3,000 mg/kg
Lauryl Lactyl Lactate	0.1-1	910661-93-7	NAV	>5,000 mg/kg
*Whole Essential Oils	0.01-1	NAV	NAV	NAV
Sodium Benzoate	0.01-1	532-32-1	NAV	4,070 mg/kg
Potassium Sorbate	0.01-1	24634-61-5	NAV	>2,000 mg/kg
Tetrasodium Iminodisuccinate	0.01-1	144538-83-0	NAV	>2,000 mg/kg
Xanthan Gum	0.01-1	11138-66-2	NAV	>5,000 mg/kg

**Just Clean Unscented-** Not applicable

**\*Fresh Citrus-** 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.**

## 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. Call a physician if irritation persists.

**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:** Not Applicable

**Extinguishing Media:** Not Applicable

**Special Procedures:** None

## SECTION VI: ACCIDENTAL RELEASE MEASURES

**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

**Natural Hand Wash**

<b>Engineering Controls:</b> Not Applicable		
<b>SECTION VIII: PHYSICAL &amp; CHEMICAL PROPERTIES</b>		
<b>Physical State:</b> Liquid		
<b>Color &amp; Appearance:</b> Clear liquid		
<b>pH:</b> 5.2-5.8		
<b>Specific Gravity:</b> As water		
<b>Solubility in Water:</b> Miscible		
<b>Percent Volatiles:</b> ≤0.5%		
<b>Density (g/cc):</b> 1.04		
<b>Odor Threshold Limit:</b> Not Applicable		
<b>SECTION IX: STABILITY &amp; REACTIVITY</b>		
<b>Chemical Stability:</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable under the following conditions:		
<b>Incompatible Materials:</b> None Known		
<b>Hazardous Decomposition Products:</b> None Known		
<b>Possibility of Hazardous Reactions:</b> None Known		
<b>SECTION X: TOXICOLOGICAL INFORMATION</b>		
<b>Route(s) of Entry:</b>		
<input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation, Acute <input type="checkbox"/> Inhalation, Chronic <input checked="" type="checkbox"/> Ingestion		
<b>Effects of Acute Exposure to Product:</b> Acute exposure may result in eye irritation; however no permanent damage is expected.		
<b>Effects of Chronic Exposure to Product:</b> Not Applicable		
<b>LD<sub>50</sub> of Product:</b> >5,000 mg/kg		
<b>Chronic Toxicities:</b> <input type="checkbox"/> Carcinogenic <input type="checkbox"/> Reproductive Toxin <input type="checkbox"/> Teratogenic <input type="checkbox"/> Mutagenic <input checked="" type="checkbox"/> None		
<b>SECTION XI: ECOLOGICAL INFORMATION</b>		
<b>Ecotoxicity: LC<sub>50</sub> of Product:</b> <100 mg/L		
<b>Environmental Fate:</b> This product is biodegradable.		
<b>SECTION XII: PREPARATION INFORMATION</b>		
<b>Additional Information:</b> The information in this MSDS relates only to the specific material designated herein and does <b>not</b> relate to use in combination with any other material or any process.		
<b>Sources Used:</b> General MSDS chemical references		
<b>Prepared by</b> Seventh Generation, Inc.	<b>Telephone Number</b> 800-456-1191	<b>Issue Date</b> June 14, 2010
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