

# MATERIAL SAFETY DATA SHEET

## SECTION I: PRODUCT IDENTIFICATION AND USE

**Product Name:** Natural Powdered Laundry Detergents

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

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

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

**Product Use:** Laundry

## SECTION II: HEALTH HAZARD DATA

**Emergency Overview:** Contact with eyes may cause irritation. May cause irritation of respiratory tract.

### Potential Health Effects:

**Eyes-** Ocular Irritant

**Skin-** Non-Irritant

**Inhalation-** Unknown

**Ingestion-** Toxic

## SECTION III: PRODUCT INGREDIENTS

Ingredient Name	Concentration (%)	CAS Number	Exposure Limits	Toxicity Data LD <sub>50</sub> (oral, rat)
Sodium Carbonate	30-100	479-19-8	TLV 10 mg/m <sup>3</sup>	4,090 mg/kg
Sodium Chloride	1-10	7647-14-5	NAP	3,000 mg/kg
Laureth-7	1-10	3055-97-8	NAV	NAV
Sodium Aluminosilicate	1-10	1318-02-1	NAV	NAV
Magnesium Sulfate	1-10	7487-88-9	NAV	NAV
Sodium Citrate	1-10	68-04-2	NAP	1,548 mg/kg
Sodium Silicate	1-10	1344-09-8	NAV	1,960 mg/kg
Sodium Sulfate	1-10	7757-82-6	NAV	1,288 mg/kg
Sodium Bicarbonate	1-10	144-55-8	NAV	4,220 mg/kg
Lauryl Polyglucose	1-10	110615-47-9	NAP	NAV
Sodium Percarbonate	1-10	15630-89-4	NAV	2,400 mg/kg
Sodium Carboxymethyl Inulin	1-10	430439-54-6	NAV	NAV
Cocos Nucifera Oil	1-10	8001-31-8	NAV	NAP
Carboxymethyl Cellulose	0.1-1.0	9004-32-4	NAV	NAV
Protease	0.1-1.0	9014-01-1	TLV 0.00006	>5,000 mg/kg
Cellulase	0.1-1.0	9012-54-8	NAV	>5,000 mg/kg
*Whole Essential Oils	0.01-1.0		NAP	NAV

**Free & Clear:** Not Applicable

\* **White Flower & Bergamot Citrus:** citrus aurantium amara (petitgrain bigarade sur fleurs), citrus aurantium dulcis (blood orange), citrus aurantium bergamia (bergamot), myristica fragrans (nutmeg). Linalool and d-limonene 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-** Leave the dusty area and seek fresh air exposure. 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: ACCIDENTIAL RELEASE MEASURES

**Spill and Leak Precautions:** Wet the spill and clean up 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. Store in a cool, dry place away from excess heat.

## Natural Powdered Laundry Detergents

<b>Personal Protective Equipment:</b> Not Applicable		
<b>Engineering Controls:</b> Not Applicable		
<b>SECTION VIII: PHYSICAL &amp; CHEMICAL PROPERTIES</b>		
<b>Physical State:</b> Solid		
<b>Color &amp; Appearance:</b> White powder		
<b>pH:</b> 10.3-11.3		
<b>Specific Gravity:</b> Approx. 1.14		
<b>Solubility in Water:</b> Soluble		
<b>Percent Volatiles:</b> Not Applicable		
<b>Density (g/cc):</b> 1.14		
<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> Not yet known		
<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> February 2, 2009
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