

# MATERIAL SAFETY DATA SHEET

## SECTION I: PRODUCT IDENTIFICATION AND USE

**Product Name:** Natural Laundry Detergents (powder)

**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	NAV	4,090 mg/kg
Laureth-6	1-10	68551-12-2	NAV	500-2,000 mg/kg
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 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
Sodium Carboxymethylcellulose	0.1-1	9004-32-4	NAV	NAV
Protease	0.1-1	9014-01-1	NAV	>5,000 mg/kg
Amylase	0.1-1	9000-90-2	NAV	>2,000 mg/kg
*Whole Essential Oils & Botanical Extracts	0.01-1		NAV	NAV

**Free & Clear:** Not Applicable

**\* Real Citrus & Wild Lavender:** citrus aurantium bergamia (bergamot) fruit oil, citral (derived from litsea cubeba), citrus grandis (grapefruit) peel oil, lavandula angustifolia (lavender) oil, citrus aurantium dulcis (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-** 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: ACCIDENTAL 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.

**Personal Protective Equipment:** Not Applicable

## Natural Laundry Detergents

Engineering Controls: Not Applicable		
<b>SECTION VIII: PHYSICAL &amp; CHEMICAL PROPERTIES</b>		
Physical State: Solid		
Color & Appearance: White powder		
pH: 10.3-11.3		
Specific Gravity: Approx. 1.14		
Solubility in Water: Soluble		
Percent Volatiles: Not Applicable		
Density (g/cc): 1.14		
Odor Threshold Limit: Not Applicable		
<b>SECTION IX: STABILITY &amp; REACTIVITY</b>		
Chemical Stability: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable under the following conditions:		
Incompatible Materials: None Known		
Hazardous Decomposition Products: None Known		
Possibility of Hazardous Reactions: None Known		
<b>SECTION X: TOXICOLOGICAL INFORMATION</b>		
Route(s) of Entry: <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		
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: Not Applicable		
LD <sub>50</sub> of Product: <5,000 mg/kg		
Chronic Toxicities: <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>		
Ecotoxicity: LC <sub>50</sub> of Product: Not yet known		
Environmental Fate: This product is biodegradable.		
<b>SECTION XII: PREPARATION INFORMATION</b>		
Additional Information: 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.		
Sources Used: General MSDS chemical references		
Prepared by Seventh Generation, Inc.	Telephone Number 800-456-1191	Issue Date December 10, 2010
The information contained in this Material Safety Data Sheet is provided by Seventh Generation, Inc. free of charge. While believed to be reliable, it is intended for use by skilled persons at their own risk. Seventh Generation, Inc. assumes no responsibility for events resulting from, or damages incurred from, its use.		