

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 ₅₀ (oral, rat)
Sodium Carbonate	30-100	479-19-8	TLV 10 mg/m3	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

Personal Protective Equipment: Not Applicable		
Engineering Controls: Not Applicable		
SECTION VIII: PHYSICAL & CHEMICAL PROPERTIES		
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		
SECTION IX: STABILITY & REACTIVITY		
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		
SECTION X: TOXICOLOGICAL INFORMATION		
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		
LD₅₀ 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		
SECTION XI: ECOLOGICAL INFORMATION		
Ecotoxicity: LC₅₀ of Product: Not yet known		
Environmental Fate: This product is biodegradable.		
SECTION XII: 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 February 2, 2009
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