



MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION AND USE

Product Name: Natural Laundry Detergent (powder)	
Manufacturer's Name: Seventh Generation, Inc.	Address: 60 Lake Street, Burlington, VT 05401, USA
Emergency Telephone Number (U.S., Canada): M-F 9 am - 4 pm ET (except holidays): 1-800-456-1191 Outside these hours: 1-800-255-3924 (ChemTel)	Product Use: Laundry

SECTION II: HEALTH HAZARD DATA

Emergency Overview: Harmful if swallowed. Injurious to eyes. May cause irritation of respiratory tract.

Potential Health Effects:

- Eyes:** Severe Irritant
- Skin:** No irritation expected when used according to directions. Possible irritation from prolonged contact.
- Inhalation:** While inhalation of a product dust is unlikely, sudden inhalation of large quantity of dust may cause upper respiratory irritation.
- Ingestion:** May cause gastrointestinal irritation with nausea, vomiting, and delayed diarrhea.

SECTION III: PRODUCT INGREDIENTS

Ingredient Name	Concentration %	CAS Number	Exposure Limits	Toxicity Data LD ₅₀ (oral, rat)
sodium carbonate	30-100	497-19-8	NAV	4090 mg/kg
laureth-6	3-10	68551-12-2	NAV	500-2000 mg/kg
sodium citrate	3-10	68-04-2	NAV	>8000 mg/kg
sodium silicate	3-10	1344-09-8	NAV	1960 mg/kg
sodium aluminosilicate	3-10	68989-22-0	NAV	NAV
sodium bicarbonate	3-10	144-55-8	NAV	4220 mg/kg
sodium percarbonate	3-10	15630-89-4	NAV	2400 mg/kg
magnesium sulfate	3-10	10034-99-8	NAV	NAV
cocos nucifera (coconut) oil	3-10	8001-31-8	NAV	NAV
lauryl polyglucose	≤1	110615-47-9	NAV	NAV
cellulose gum	≤1	9004-32-4	NAV	27000 mg/kg
sodium carboxymethyl inulin	≤1	430439-54-6	NAV	>2000 mg/kg
protease	≤1	9014-01-1	NAV	3700 mg/kg
amylase	≤1	9000-90-2	NAV	>2000 mg/kg
essential oils & botanical extracts*	≤1	NAV	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:** Promptly flush with large amounts of water for at least 15 minutes. Contact a physician if redness or irritation persists.
- Skin:** Rinse with water. Remove contaminated clothing and shoes.
- Inhalation:** While inhalation of product dust is unlikely, move to fresh air away from dust.



MATERIAL SAFETY DATA SHEET

Ingestion: Do not induce vomiting. Drink 4-8 ounces of water or milk immediately. Contact a poison control center or physician.

SECTION V: FIRE FIGHTING MEASURES

Flash Point (°C) and Method: Non flammable.

Extinguishing Media: As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam.

Special Procedures: Fire fighters should wear self contained breathing apparatus as for surrounding fire.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Spill and Leak Precautions: Small or household Quantities: Spills and leaks may be cleaned up and disposed of in normal household trash.
Large (industrial) release: Material may be slippery if spilled and wet. Prevent spill from entering a waterway. Stop spill at source and contain material. Transfer powder to container for recovery or disposal. Dispose liquid in accordance with all applicable local, state, and federal regulations. Small amounts may be flushed to sewer.

SECTION VII: HANDLING, DISPOSAL & STORAGE

Handling Procedures and Equipment: Not Applicable.

Waste Disposal: Any disposal practice must be in compliance with local, state, and federal laws and regulations.

Storage Procedures: Store in a cool, dry place away from excessive heat.
KEEP OUT OF REACH OF CHILDREN & PETS.

Personal Protective Equipment: For routine household use: No special precautions necessary as long as product is used as directed.
For industrial activities: Respiratory Protection: None required under normal conditions. General ventilation required. Eye Protection: Goggles or other protective eye wear may be worn for protection. Skin Protection: Gloves may be worn for protection.

Engineering Controls: Not Applicable.

SECTION VIII: PHYSICAL & CHEMICAL PROPERTIES

Physical State: Solid (powder).

Appearance & Color: Solid White

pH: (1% aqueous solution) 10.6 - 10.9

Specific Gravity: ---

Solubility in Water: Soluble.

Odor Threshold Limit: Not Applicable.

SECTION IX: STABILITY & REACTIVITY

Chemical Stability: ☒ Stable ☐ Unstable under the following conditions:

Incompatible Materials: Strong oxidizers or reducing agents, strong acids or strong bases.

Hazardous Decomposition Products: None known.

Possibility of Hazardous Reactions: None known.

SECTION X: TOXICOLOGICAL INFORMATION

Route(s) of Entry:

☒ Skin Contact ☐ Skin Absorption ☒ Eye Contact ☒ Inhalation, Acute ☐ Inhalation, Chronic ☒ Ingestion

Effects of Acute Exposure to Product: Adverse health effects are considered unlikely when the product is used according to directions.
Ingestion: May cause gastrointestinal irritation with nausea, vomiting, and delayed diarrhea.
Inhalation: While inhalation of a product mist is unlikely, suck exposure may cause upper respiratory irritation.
Skin Contact: No irritation expected when used according to directions. Possible irritation from prolonged contact.
Eye Contact: May cause irritation and discomfort.
Effects of Chronic Exposure: None expected.



MATERIAL SAFETY DATA SHEET

Effects of Chronic Exposure to Product:		NAP									
LD₅₀ (oral) of Product (mg/kg) (based on ingredients):		>2000									
Chronic Toxicities:	☐	Carcinogenic	☐	Reproductive Toxin	☐	Teratogenic	☐	Mutagenic	☒	X	None
SECTION XI: ECOLOGICAL INFORMATION											
Ecotoxicity: LC₅₀ of Product:		Not yet known.									
Environmental Fate:		Non inorganic components are biodegradable.									
SECTION XII: TRANSPORTATION INFORMATION											
DOT: Not regulated.											
TDG: Not regulated.											
SECTION XIII: REGULATORY INFORMATION											
Toxic Substances Control Act (TSCA)		All ingredients are listed or exempt from listing on the Chemical Substance Inventory.									
California Proposition 65		No ingredients listed.									
SECTION XIV: OTHER INFORMATION											
HMIS Classification	☐	Not Determined.	☐	Health	☐	Flammability	☐	Physical Hazards	☐	A	PPE
SECTION XV: 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				Telephone Number				Issue Date			
Seventh Generation, Inc.				800-456-1191				17-May-2013			
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