

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION AND USE

Product Name: Natural 2X Concentrated Laundry Detergent

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: 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 ₅₀ (oral, rat)
Aqua (water)	10-100	7732-18-5	NAV	NAV
Laureth-6	3-30	68551-12-2	NAP	500-2,000 mg/kg
Sodium Lauryl Sulfate (SLS)	3-10	151-21-3	NAP	>500-5,000 mg/kg
Sodium Citrate	1-10	68-04-2	NAP	1,548 mg/kg
Oleic Acid	1-10	112-80-1	NAV	74,000 mg/kg
Glycerin	1-10	56-81-5	NAV	>12,000 mg/kg
Boric Acid	1-10	10043-35-3	NAP	3,500 mg/kg
Protease	0.1-1	9014-01-1	NAV	>5,000 mg/kg
Amylase	0.1-1	9000-90-2	NAV	>2,000 mg/kg
Sodium Chloride	0.1-1	7647-14-5	NAP	3,000 mg/kg
Calcium Chloride	0.01-1	10043-52-4	NAP	1,000 mg/kg
Sodium Hydroxide	0.01-1	1310-73-2	NAP	1,350 mg/kg (rabbit)
Citric Acid	0.01-1	77-92-9	NAP	3,000 mg/kg
*Whole Essential Oils & Botanical Extracts	0.01-1		NAP	NAV
Preservative System Components:	0.01-1		NAV	>2,500 mg/kg
Methylisothiazolinone		2682-20-4		
Benzisothiazolinone		2634-33-5		

Free & Clear: Not Applicable

***Blue Eucalyptus & Lavender:** lavendula hybrid (lavandin), lavendula angustifolia (lavender), eucalyptus dives, pinus sylvestris (pine). Linalool is a component of these essential oils.

***White Flower & Bergamot Citrus:** citrus aurantium bergamia (bergamot), citrus aurantium dulcis (orange), citrus aurantium amara (petitgrain bigarade sur fleurs), myristica fragrans (nutmeg). Linalool and d-limonene are components of these essential oils.

***Wildflowers & Fresh Citrus:** prunus amygdalus dulcis (sweet almond) oil, cedrol, citronellol, eugenia caryophyllus (clove) leaf oil, citrus grandis (grapefruit) peel oil, litsea cubeba fruit oil, citrus aurantium dulcis (orange) peel oil, pogostemon cablin (patchouli) oil, citrus nobilis (mandarin orange) peel oil, vanillin, cananga odorata (ylang ylang) flower 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.

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

Natural 2X Concentrated Laundry Detergent

SECTION VI: ACCIDENTIAL 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

Engineering Controls: Not applicable

SECTION VIII: PHYSICAL & CHEMICAL PROPERTIES

Physical State: Liquid

Color & Appearance: Clear Liquid

pH: 8.5-8.9

Specific Gravity: As water

Solubility in Water: Miscible

Percent Volatiles: ≤0.5%

Density (g/cc): 1.04

Odor Threshold Limit: Not Applicable

SECTION IX: STABILITY & REACTIVITY

Chemical Stability: Stable Unstable under the following conditions: Not applicable

Incompatible Materials: None Known

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: 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: Carcinogenic Reproductive Toxin Teratogenic Mutagenic None

SECTION XI: ECOLOGICAL INFORMATION

Ecotoxicity: LC₅₀ of Product: >100 mg/L

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

December 12, 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.