

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION AND USE

Product Name: Natural 2X Concentrated Laundry Liquids

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
Coceth-7 (aka Coconut Alcohol Ethoxylate)	3-30	61791-13-7	NAP	>2,000 mg/kg
Sodium Laureth Sulfate (SLES)	3-30	68585-34-2	NAP	>2,000 mg/kg
Sodium Citrate	1-10	68-04-2	NAP	1,548 mg/kg
Glyceryl Oleate	1-10	25496-72-4	NAV	NAV
Glycerin	1-10	56-81-5	NAV	>12,000 mg/kg
Oleic Acid	1-10	112-80-1	NAV	74,000 mg/kg
Protease	0.3-3	9014-01-1	NAV	>5,000 mg/kg
Amylase	0.3-3	9000-90-2	NAV	>2,000 mg/kg
Cellulase	0.3-3	9012-54-8	NAV	>5,000mg/kg
Sodium Borate	0.3-3	1330-34-4	NAP	5,660 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)
*Whole Essential Oils	0.01-1		NAP	NAV
Hexahydro-1,3,5-Tris (2-hydroxyethyl)-s-triazine	<0.05	4719-04-4	NAP	535 mg/kg

Free & Clear: Not Applicable

***Water Blossom:** citrus aurantium dulcis peel (orange), glycine soja (soybean), citrus aurantifolia (lime), pelargonium graveolens flower (geranium), cymbopogon martini (palmarosa), eucalyptol, citrus medica limonum leaf/peel/stem (lemon), mentha viridis leaf (spearmint), vanillin, liquidambar styraciflua (styrax), tagetes minuta flower, juniperus virginiana (cedarwood), ferula galbaniflua resin (galbanum), ocimum basilicum (basil), barosma betulina leaf (buchu leaf). *Geraniol and limonene are components of these essential oils.

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

***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- 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 Liquids

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: 8.3-8.8		
Specific Gravity: As water		
Solubility in Water: Miscible		
Percent Volatiles: 10-100 (water)		
Density (g/cc): 1.04		
Odor Threshold Limit: Not Applicable		
SECTION IX: STABILITY & REACTIVITY		
Chemical Stability: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> 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:		
<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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