

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: 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: 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

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