



MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION AND USE

Product Name: 4X Baby Laundry Detergent

Manufacturer's Name: Seventh Generation, Inc.

Address: 60 Lake Street, Burlington, VT 05401, USA

Emergency Telephone Number (U.S., Canada):

M-F 8:30 am - 5pm ET (except holidays): 1-800-456-1191

Outside these hours: 1-800-255-3924 (ChemTel MIS0007366)

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)	30-100	7732-18-5	NAV	NAV
laureth-6.	10-30	68439-50-9	NAV	6365 mg/kg
sodium lauryl sulfate	3-10	151-21-3	NAV	>500-5000 mg/kg
sodium citrate	3-10	68-04-2	NAV	>8000 mg/kg
glycerin	1-3	56-81-5	NAV	>12000 mg/kg
oleic acid	1-3	112-80-1	NAV	25000 mg/kg
boric acid	1-3	10043-35-3	NAV	2660 mg/kg
sodium hydroxide	≤1	1310-73-2	NAV	500 mg/kg (rabbit)
essential oils & botanical extracts*	≤1	NAV	NAV	NAV
calcium chloride	≤1	10043-52-4	NAV	1000 mg/kg
protease	≤1	9014-01-1	NAV	3700 mg/kg
amylase	≤1	9000-90-2	NAV	>2000 mg/kg
mannanase	≤1	37288-54-3	NAV	>2000 mg/kg
pectinase	≤1	9015-75-2	NAV	>2000 mg/kg
methylisothiazolinone (and) benzisothiazolinone	≤1	2682-20-4 & 2634-33-5	NAV	>2500 mg/kg

* 3-hexenol, cananga odorata flower oil, canarium luzonicum gum nonvolatiles, citral, citronellol, citrus aurantium bergamia (bergamot) fruit oil, citrus limon (lemon) peel oil, commiphora myrrha oil, cymbopogon martini oil, gamma-decalactone, juniperus mexicana oil, linalool, pelargonium graveolens flower oil, prunus amygdalus dulcis (sweet almond) oil. Citronellol, d-limonene and linalool 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: 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.



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SECTION VI: ACCIDENTAL 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.	
Appearance & Color:		Clear	Light amber
pH:		8.5 - 8.9	
Specific Gravity:		1.05 - 1.08	
Solubility in Water:		Miscible.	
Odor Threshold Limit:		Not Applicable.	
SECTION IX: STABILITY & REACTIVITY			
Chemical Stability:	☒ Stable	☐ 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:			
☒ 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:		NAP	
LD₅₀ of Product (mg/kg):		>5000	
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: TRANSPORTATION INFORMATION			
Not regulated.			
SECTION XIII: 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	5/23/2012
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