

# MATERIAL SAFETY DATA SHEET

## SECTION I - MATERIAL IDENTIFICATION AND USE

<b>Material Name:</b> Laundry Powder Detergent, Free & Clear			
<b>Manufacturer's Name</b> Seventh Generation, Inc.		<b>Street Address</b> 60 Lake Street	
<b>City</b> Burlington	<b>State</b> VT	<b>Zip Code</b> 05401-5281	<b>EMERGENCY TELEPHONE NO.</b> 800-456-1191
<b>Chemical Name</b> NAP	<b>Chemical Family</b> NAP	<b>Chemical Formula</b> NAP	
<b>Molecular Weight</b> NAP	<b>Trade Name and Synonym</b> NAP	<b>Material Use</b> Household Cleaning	

## SECTION II - INGREDIENTS OF MATERIAL

WHMIS Class D2B

Ingredient Name	Concentration (%)	CAS Number	Exposure Limits	Toxicity Data LD <sub>50</sub> (oral, rat)
Sodium Carbonate	30-100	479-19-6	TLV 10 mg/m3	2,800 mg/kg
Sodium Chloride	1-10	7647-14-5	NAP	3,000 mg/kg
Coconut Alcohol Ethoxylate	1-10	68131-39-5	NAV	4,150 mg/kg
Valfor Zeolite	1-10	1318-02-1	NAV	NAV
Magnesium Sulfate	1-10	7487-88-9	NAV	NAV
Sodium Citrate	1-10	06132-04-3	NAP	1,548 mg/kg
Sodium Silicate	1-10	1344-09-8	NAV	1,960 mg/kg
Sodium Sulfate	1-10	151-21-3	NAV	1,288 mg/kg
Sodium Bicarbonate	1-10	144-55-8	NAV	4,220 mg/kg
Polyglucoside	1-10	110615-47-9	NAP	NAV
Sodium Percarbonate	1-10	15630-89-4	NAV	2,400 mg/kg
Carboxymethyl Inulin	1-10	430439-54-6	NAV	NAV
Oleic Acid	1-10	2027-47-6	NAV	25,000 mg/kg
Protease Enzyme	0.1-1.0	NAV	TLV 0.00006 mg/m3	NAV
Carboxymethyl Cellulose	0.1-1.0	9004-32-4	NAV	NAV
Cellulase Enzyme	0.1-1.0	9012-54-8	NAV	>5,000 mg/kg

## SECTION III - PHYSICAL DATA FOR MATERIAL

<b>Physical State</b> [ X ] Solid [ ] Liquid	<b>Color and Appearance</b> White Powder	<b>Odor Threshold Limit</b> NAP	<b>Specific Gravity</b> Approx. 1.14
<b>Vapor Pressure (mm)</b> NA	<b>Vapor Density (Air=1)</b> NA	<b>Evaporation Rate</b> NA	<b>Boiling Point</b> NA
<b>Solubility in Water</b> Soluble	<b>Percent Volatiles</b>	<b>pH</b> 10.3-11.3	<b>Density (g/cc)</b> 1.14
<b>Freezing Point</b> NA			
<b>Coef. Of Oil/Water Distribution:</b> NAV			

## SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

<b>Flammable? If yes, under what conditions?</b> Yes [ ] No [X]			
<b>Means of Extinction</b> NAP		<b>Special Procedures</b> NAP	
<b>Flashpoint (°C) and Method</b> NAP		<b>Upper Explosion Limit (% by Volume)</b> NAP	<b>Lower Explosion Limit (% by Volume)</b> NAP
<b>Auto Ignition Temperature (°C)</b> NAV		<b>TDG Flammability Classification</b> NAP	<b>Hazardous Combustion Products</b> NAP
<b>Sensitivity to Impact</b> NAP	<b>Rate of Burning</b> NAP	<b>Explosive Power</b> NAP	<b>Sensitivity to Static Discharge</b> NAP

## SECTION V - REACTIVITY DATA

<b>Chemically Stable? If no, under what conditions?</b> Yes [X] No [ ]	
<b>Incompatible with other substances? If yes, which ones?</b> Yes [X] No [ ] Avoid contact with strong acids.	
<b>Reactivity, and under what conditions?</b> Not reactive	<b>Hazardous Decomposition Products</b> NAP

**Material Name**

Laundry Powder Detergent- Free &amp; Clear

**SECTION VI – TOXICOLOGICAL PROPERTIES OF PRODUCT****Route of Entry** Skin Contact    Skin Absorption    Eye Contact    Inhalation, Acute    Inhalation, Chronic    Ingestion**Effects of Acute Exposure to Product**

Irritation to eyes may result.

**Effects of Chronic Exposure to Product**

Prolonged and repeated exposure may cause eye irritation or skin irritation.

**LD<sub>50</sub> of Product**

NAV

**Irritancy of Product**

May cause irritation to eyes.

**Exposure Limits of Product**

NAV

**LC<sub>50</sub> of Product**

NAV

**Sensitization to Product**

NAV

**Synergistic Materials**

NAV

**Chronic Toxicities** Carcinogenic    Reproductive Toxin    Teratogenic    Mutagenic**SECTION VII – PREVENTATIVE MEASURES****Personal Protective Equipment****Respiratory**

NAP

**Eye**

NAP

**Footwear**

NAP

**Gloves**

NAP

**Other**

NAP

**Clothing**

NAP

**Engineering Controls**

NAP

**Leak and Spill Procedures**

NAP

**Waste Disposal**

NAP

**Handling Procedures and Equipment**

Avoid contact with eyes. Avoid ingestion.

**Storage Requirements**

Store in a cool, dry place. Avoid excess heat.

**Special Shipping Information**

NAP

**SECTION VIII – FIRST AID MEASURES****Skin**

Rinse skin with cold water immediately after contact.

**Eyes**

Wash eye with water immediately after contact. Call a physician if irritation persists.

**Inhalation**

NAP

**Ingestion**

Drink a glass of water. If prolonged nausea or pain occurs call a physician immediately.

**General Advice**

NAP

**SECTION IX – 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**

MSDS: General chemical references

**Prepared by**

Seventh Generation, Inc.

**Telephone Number**

800-456-1191

**Date**

10 January 2008

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.