

MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL IDENTIFICATION AND USE

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

SECTION II – INGREDIENTS OF MATERIAL

WHMIS Class D2B

Ingredient Name	Concentration (%)	CAS Number	Exposure Limits	Toxicity Data LD ₅₀ (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	68-04-2	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	112-80-1	NAV	74,000 mg/kg
Protease	0.1-1.0	NAV	TLV 0.00006 mg/m3	NAV
Carboxymethyl Cellulose	0.1-1.0	9004-32-4	NAV	NAV
Cellulase	0.1-1.0	9012-54-8	NAV	>5,000 mg/kg

SECTION III – PHYSICAL DATA FOR MATERIAL

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

SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL

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

SECTION V – REACTIVITY DATA

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

Material Name

Laundry Powder Detergent- Free & 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.

LD₅₀ of Product

NAV

Irritancy of Product

May cause irritation to eyes.

Exposure Limits of Product

NAV

LC₅₀ 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**

NAP

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

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Date

28 February 2008

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