

MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL IDENTIFICATION AND USE

Material Name Laundry Liquid, 2X 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)
Water	10-100	7732-18-5	NAV	NAV
Coceth-7	3-30	61791-13-7	NAP	4,150 mg/kg
Sodium Laureth sulfate	3-30	68585-34-2	NAP	5,000 mg/kg
Sodium Citrate	1-10	06132-04-3	NAP	1548 mg/kg
Glyceryl Oleate	1-10	25496-72-4	NAV	NAV
Glycerin	1-10	56-81-5	NAV	NAV
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 (Borax)	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	NAV
Hexahydro-1,3,5-Tris (2-hydroxyethyl)-s-triazine	<0.05	4719-04-4	NAP	535 mg/kg

SECTION III – PHYSICAL DATA FOR MATERIAL

Physical State [] Solid [X] Liquid	Color and Appearance Clear liquid	Odor Threshold Limit NAP	Specific Gravity As water
Vapor Pressure (mm) As water	Vapor Density (Air=1) As water	Evaporation Rate As water	Boiling Point As water
Solubility in Water Miscible	Percent Volatiles 10-100 (Water)	pH 8.3-8.8	Density (g/cc) 1.04
		Freezing Point As water	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 [] No [X]				
Reactivity, and under what conditions? NAP				
Hazardous Decomposition Products NAP				

Material Name

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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 occur.

Effects of Chronic Exposure to Product

Prolonged and repeated exposure may cause eye irritation.

LD₅₀ of Product

NAV

LC₅₀ of Product

NAV

Chronic Toxicities Carcinogenic Reproductive Toxin Teratogenic Mutagenic**SECTION VII – PREVENTATIVE MEASURES****Personal Protective Equipment****Respiratory**
NAP**Eye**
Safety glasses**Footwear**
NAP**Gloves****Other**

NAP

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 for 15 minutes immediately after contact. Call a physician

Inhalation

NAP

Ingestion

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

2 June 2008

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