

MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL IDENTIFICATION AND USE

Material Name Fabric Softener, 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, Soft	10-100	7732-18-5	NAV	NAV
Methyl bis (cannola amidoethyl)-2-hydroxyethyl ammonium methyl sulfate	3 - 30	70914-09-9	NAV	>5,000 mg/kg
<i>Canola ester quaternary amine</i>	0.3 - 3	57-55-6	NAV	20,000 mg/kg
<i>Propylene glycol</i>	0.1-1	10043-52-4	NAP	1,000 mg/kg
Calcium Chloride-Anhydrous	<0.05	4719-04-4	NAP	535 mg/kg
Hexahydro-1,3,5-Tris (2-hydroxyethyl)-s-triazine				

SECTION III – PHYSICAL DATA FOR MATERIAL

Physical State <input type="checkbox"/> Solid <input checked="" type="checkbox"/> 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	Freezing Point As water
Solubility in Water Miscible	Percent Volatiles 10-100 (water)	pH 5.5-6.5	Density (g/cc) 1.04	Coef. Of Oil/Water Distribution: NAV

SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammable? If yes, under what conditions? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
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 <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Incompatible with other substances? If yes, which ones? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Reactivity, and under what conditions? Not reactive				
Hazardous Decomposition Products NAP				

Material Name

Fabric Softener, 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 occur.

Effects of Chronic Exposure to Product

Prolonged and repeated exposure may cause eye 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**

NAV

Eye

NAV

Footwear

NAV

Gloves**Other**

NAV

NAV

Clothing

NAV

Engineering Controls

NAV

Leak and Spill Procedures

NAV

Waste Disposal

NAV

Handling Procedures and Equipment

Avoid contact with eyes. Avoid ingestion.

Storage Requirements

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

Special Shipping Information

NAV

SECTION VIII – FIRST AID MEASURES**Skin**

NAV

Eyes

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

Inhalation

NAV

Ingestion

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

General Advice

NAV

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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