

**MATERIAL SAFETY DATA SHEET**

**SECTION I - MATERIAL IDENTIFICATION AND USE**

**Material Name**

Toilet Bowl Cleaner, Emerald Cypress & Fir

**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 <sub>50</sub> (oral, rat)
Water	10-100	7732-18-5	NAV	NAV
Lactic acid	1-10	79-33-4	NAP	3,730 mg/kg
Polyglucose	1-10	110615-47-9	NAP	NAV
Coceth-4	0.1-1	NAV	NAP	NAV
Deceth-5	0.1-1	NAV	NAP	NAV
Xanthan gum	0.1-1	11138-66-2	NAV	NAV
Coconut Alcohol Ethoxylate	0.1-1	68131-39-5	NAP	4,150 mg/kg
*Whole Essential Oils	0.1-1	NAP	NAP	NAV
*Lime, Balsam Fir, Emerald Cypress				

**SECTION III - PHYSICAL DATA FOR MATERIAL**

<b>Physical State</b> [ ] Solid [X] Liquid	<b>Color and Appearance</b> Clear liquid		<b>Odor Threshold Limit</b> NAP	<b>Specific Gravity</b> As water
<b>Vapor Pressure (mm)</b> As water	<b>Vapor Density (Air=1)</b> As water	<b>Evaporation Rate</b> As water	<b>Boiling Point</b> As water	<b>Freezing Point</b> As water
<b>Solubility in Water</b> Miscible	<b>Percent Volatiles</b> 10-100 (Water)	<b>pH</b> 2.6	<b>Density (g/cc)</b> 1.0036	<b>Coef. Of Oil/Water Distribution:</b> 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

<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**

**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?**

Not reactive

**Hazardous Decomposition Products**

NAP

**Material Name**

Toilet Bowl Cleaner, Emerald Cypress &amp; Fir

**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.

**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**

Avoid contact with skin and rinse with 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 nausea or pain persists 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**

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**Telephone Number**

800-456-1191

**Date**

28 February 2008

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