

SEV 22724

## MATERIAL SAFETY DATA SHEET

### SECTION I - MATERIAL IDENTIFICATION AND USE

**Material Name**

Hand Dishwashing Liquid, Free &amp; 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 <sub>50</sub> (oral, rat)
Water	10 - 100	7732-18-5	NAV	NAV
Sodium Laureth Sulfate	3 - 30	68585-34-2	NAP	5,000 mg/kg
Cocamidopropyl Betaine	1 - 10	61789-40-0	NAV	NAV
Cocamide MEA	1 - 10	68140-00-1	NAV	NAV
Sodium Chloride	0.3-3	7647-14-5	NAP	3,000 mg/kg
Magnesium Chloride	0.1-1	7791-18-6	NAP	8,100 mg/kg
Citric Acid	0.01-0.1	77-92-9	NAP	3000mg/kg
Hexahydro-1,3,5,-Tris(2-hydroxyethyl)-s-triazine	<0.05	4719-04-4	NAP	535 mg/kg

### 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> 6.4 - 7.4	<b>Density (g/cc)</b> 1.04	<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

**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

<b>Material Name</b> Hand Dishwashing Liquid, Free & Clear			
<b>SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT</b>			
<b>Route of Entry</b> <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation, Acute <input type="checkbox"/> Inhalation, Chronic <input checked="" type="checkbox"/> Ingestion			
<b>Effects of Acute Exposure to Product</b> Irritation to eyes may occur.			
<b>Effects of Chronic Exposure to Product</b> Prolonged and repeated exposure may cause eye irritation.			
<b>LD<sub>50</sub> of Product</b> NAV			
<b>LC<sub>50</sub> of Product</b> NAV			
<b>Chronic Toxicities</b> <input type="checkbox"/> Carcinogenic <input type="checkbox"/> Reproductive Toxin <input type="checkbox"/> Teratogenic <input type="checkbox"/> Mutagenic			
<b>SECTION VII - PREVENTATIVE MEASURES</b>			
<b>Personal Protective Equipment</b>	<b>Respiratory</b> NAP	<b>Eye</b> Safety glasses	<b>Footwear</b> NAP
<b>Gloves</b> NAP	<b>Other</b> NAP		
<b>Clothing</b> NAP			
<b>Engineering Controls</b> NAP			
<b>Leak and Spill Procedures</b> NAP			
<b>Waste Disposal</b> NAP			
<b>Handling Procedures and Equipment</b> Avoid contact with eyes. Avoid ingestion.			
<b>Storage Requirements</b> Store in a cool, dry place. Avoid excess heat.			
<b>Special Shipping Information</b> NAP			
<b>SECTION VIII - FIRST AID MEASURES</b>			
<b>Skin</b> NAP			
<b>Eyes</b> Wash eye with water for 15 minutes immediately after contact. Call a physician			
<b>Inhalation</b> NAP			
<b>Ingestion</b> Call a physician immediately.			
<b>General Advice</b> NAP			
<b>SECTION IX - PREPARATION INFORMATION</b>			
<b>Additional Information</b> 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.			
<b>Sources Used</b> MSDS: General chemical references			
<b>Prepared by</b> Seventh Generation, Inc.		<b>Telephone Number</b> 800-456-1191	<b>Date</b> 2 June 2008
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