

# 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**

212 Battery 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 – HAZARDOUS 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 lauryl ether sulfate	3 - 30	68585-34-2	NAP	5,000 mg/kg
Cocamidopropyl betaine	1 - 10	61789-40-0	NAP	7,450 mg/kg
Cocamide MEA	1 - 10	68140-00-1	NAP	NAV
Sodium Citrate	0.03 - 3	77-92-9	NAP	>5,000 mg/kg
Sodium Chloride	0.03 - 3	7647-14-5	NAP	3,000 mg/kg
Magnesium Chloride	0.01 - 1	7786-30-3	NAP	8,100 mg/kg
Surcide-P	< 0.05	4719-04-4	NAP	535 mg/kg

## SECTION III – PHYSICAL DATA FOR MATERIAL

<b>Physical State</b> <input type="checkbox"/> Solid <input checked="" type="checkbox"/> 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>Solubility in Water</b> Miscible	<b>Percent Volatiles</b> 60-70 (Water)	<b>pH</b> 6.5 - 7.5	<b>Density (g/cc)</b> 1.04
			<b>Freezing Point</b> As water
			<b>Coef. Of Oil/Water Distribution:</b> NAV

## SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL

**Flammable? If yes, under what conditions?**

 Yes  No 
**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  No 
**Incompatible with other substances? If yes, which ones?**

 Yes  No 
**Reactivity, and under what conditions?**

NAP

**Hazardous Decomposition Products**

NAP

**Material Name**

Hand Dishwashing Liquid, Free &amp; 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.

**LD<sub>50</sub> of Product**

NAV

**LC<sub>50</sub> 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**

Small quantities can be flushed to sanitary sewers, if permitted by local regulations.

**Waste Disposal**

Landfill or flush small quantities to sanitary sewers, if permitted by local regulations.

**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. Rinse thoroughly with water if contact occurs

**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**

July 16, 2003

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