

# MATERIAL SAFETY DATA SHEET

## SECTION I: PRODUCT IDENTIFICATION AND USE

**Product Name:** Natural Dish Liquid

**Manufacturer's Name:** Seventh Generation, Inc.

**Address:** 60 Lake Street, Burlington, VT 05401-5281

**Emergency Telephone Number:** 800-456-1191

**Product Use:** Dish Liquid

## SECTION II: HEALTH HAZARD DATA

**Emergency Overview:** No known health hazards.

### Potential Health Effects:

**Eyes-** Minimal Irritant

**Skin-** Non-Irritant

**Inhalation-** Unknown

**Ingestion-** Non-Toxic

## SECTION III: PRODUCT INGREDIENTS

Ingredient Name	Concentration (%)	CAS Number	Exposure Limits	Toxicity Data LD <sub>50</sub> (oral, rat)
Aqua (water)	10-100	7732-18-5	NAV	NAV
Sodium Lauryl Sulfate (SLS)	10-100	151-21-3	NAV	>500-5,000 mg/kg
Lauramine Oxide	3-30	1643-20-5	NAV	>5,000 mg/kg
Glycerin	1-10	56-81-5	NAV	>12,000 mg/kg
Caprylyl/Myristyl Glucoside	1-10	68515-73-1 & 110615-47-9	NAV	>5,000 mg/kg
Citric Acid	0.1-1	77-92-9	NAV	3,000mg/kg
Magnesium Chloride	0.1-1	7791-18-6	NAV	8,100 mg/kg
*Whole Essential Oils	0.01-1	NAV	NAV	NAV
Preservative System Components:	0.01-1		NAV	>2,500 mg/kg
Methylisothiazolinone		2682-20-4		
Benzisothiazolinone		2634-33-5		

**Free & Clear:** Not Applicable

**\*Lemongrass & Clementine Zest:** citrus nobilis (clementine), citrus aurantium bergamia (bergamot), cymbopogon citratus (lemongrass), canarium luzonicum nonvolatiles (elemi), citrus aurantium dulcis (orange). d-Limonene is a component of these essential oils.

**\*Lavender Floral & Mint:** citrus aurantifolia (lime), cananga odorata (ylang ylang), lavandula angustifolia (lavender), mentha spicata (spearmint), mentha piperita (peppermint). d-Limonene is a component of these essential oils.

**\*Fresh Citrus & Ginger:** cedrol, canarium luzonicum gum nonvolatiles (elemi oil), cinnamomum zeylanicum bark extract (cinnamon leaf oil), citrus aurantifolia (lime) oil, citrus aurantium amara (bitter orange) oil, citrus aurantium bergamia (bergamot) fruit oil, citrus aurantium dulcis (orange) oil, citrus limon (lemon) peel oil, coriandrum sativum (coriander) fruit oil, elettaria cardamomum (cardamon) seed oil, eugenia caryophyllus (clove) leaf oil, myristica fragrans (nutmeg) kernel oil, pelargonium graveolens (geranium) flower oil, zingiber officinale (ginger) root oil. d-Limonene is a component of these essential oils.

## SECTION IV: FIRST AID MEASURES

### First Aid Procedures:

**Eyes-** Flush eyes with water immediately after contact. Call a physician if irritation persists.

**Skin-** Not Applicable

**Inhalation-** Not Applicable.

**Ingestion-** Drink 4-8 ounces of water or milk immediately. If prolonged nausea or pain occurs call a doctor.

## SECTION V: FIRE FIGHTING MEASURES

**Flash Point (°C) and Method:** Not Applicable

**Extinguishing Media:** Not Applicable

**Special Procedures:** None

## SECTION VI: ACCIDENTIAL RELEASE MEASURES

**Spill and Leak Precautions:** Absorb the spill with a paper towel.

## Natural Dish Liquid

<b>SECTION VII: HANDLING, DISPOSAL &amp; STORAGE</b>		
<b>Handling Procedures and Equipment:</b> No unusual precautions necessary.		
<b>Waste Disposal:</b> Any disposal practice must be in compliance with local, state, and federal laws and regulations.		
<b>Storage Procedures:</b> KEEP OUT OF REACH OF CHILDREN & PETS.		
<b>Personal Protective Equipment:</b> Not Applicable		
<b>Engineering Controls:</b> Not Applicable		
<b>SECTION VIII: PHYSICAL &amp; CHEMICAL PROPERTIES</b>		
<b>Physical State:</b> Liquid		
<b>Color &amp; Appearance:</b> Clear liquid		
<b>pH:</b> 7.9-8.1		
<b>Specific Gravity:</b> As water		
<b>Solubility in Water:</b> Miscible		
<b>Percent Volatiles:</b> ≤0.5%		
<b>Density (g/cc):</b> 1.04		
<b>Odor Threshold Limit:</b> Not Applicable		
<b>SECTION IX: STABILITY &amp; REACTIVITY</b>		
<b>Chemical Stability:</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable under the following conditions:		
<b>Incompatible Materials:</b> None Known		
<b>Hazardous Decomposition Products:</b> None Known		
<b>Possibility of Hazardous Reactions:</b> None Known		
<b>SECTION X: TOXICOLOGICAL INFORMATION</b>		
<b>Route(s) 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> Acute exposure may result in eye irritation; however no permanent damage is expected.		
<b>Effects of Chronic Exposure to Product:</b> Not Applicable		
<b>LD<sub>50</sub> of Product:</b> >5000mg/kg		
<b>Chronic Toxicities:</b> <input type="checkbox"/> Carcinogenic <input type="checkbox"/> Reproductive Toxin <input type="checkbox"/> Teratogenic <input type="checkbox"/> Mutagenic <input checked="" type="checkbox"/> None		
<b>SECTION XI: ECOLOGICAL INFORMATION</b>		
<b>Ecotoxicity: LC<sub>50</sub> of Product:</b> <100 mg/L		
<b>Environmental Fate:</b> This product is biodegradable.		
<b>SECTION XII: PREPARATION INFORMATION</b>		
<b>Additional Information:</b> The information in this MSDS relates only to the specific material designated herein and does <b>not</b> relate to use in combination with any other material or any process.		
<b>Sources Used:</b> General MSDS chemical references		
<b>Prepared by</b> Seventh Generation, Inc.	<b>Telephone Number</b> 800-456-1191	<b>Issue Date</b> December 8, 2010
The information contained in this Material Safety Data Sheet is provided by Seventh Generation, Inc. free of charge. While believed to be reliable, it is intended for use by skilled persons at their own risk. Seventh Generation, Inc. assumes no responsibility for events resulting from, or damages incurred from, its use.		