

# 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)
Sodium Lauryl Sulfate (SLS)	10-100	151-21-3	NAP	500-5,000 mg/kg
Aqua (water)	10-100	7732-18-5	NAV	NAV
Lauramine Oxide	3-30	1643-20-5	NAP	>5,000 mg/kg
1,3 Propanediol	1-10	504-63-2	NAP	15,000 mg/kg
Decyl Glucoside	1-10	68515-73-1	NAP	NAV
Lauryl Polyglucose	1-10	110615-47-9	NAP	NAV
Citric Acid	0.3-3	77-92-9	NAP	3,000mg/kg
Magnesium Chloride	0.3-3	7791-18-6	NAP	8,100 mg/kg
Sodium Chloride	0.01-1	7647-14-5	NAP	3,000 mg/kg
*Whole Essential Oils	0.01-1	NAV	NAP	NAV
2-Methyl-4-isothiazolin-3-one & 1,2-Benzisothiazolin-3-one	0.01-1	2682-20-4 2634-33-5	NAP	>2,500 mg/kg

**Free & Clear:** Not Applicable

**\*Lemongrass and Clementine Zest:** citrus clementina (clementine), citrus aurantium bergamia (bergamot), citrus sinensis (blood orange), cymbopogon citratus (lemongrass), camarium luzonicum (elemi). *\*d-Limonene, citral, linalool and geraniol are components of these essential oils.*

**Lavender Floral Mint:** citrus aurantifolia (lime), lavendula angustifolia (lavender), menthe spicata (spearmint), mentha piperita (peppermint), cananga odorata (ylang ylang). *\*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: ACCIDENTAL RELEASE MEASURES

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

## SECTION VII: HANDLING, DISPOSAL & STORAGE

**Handling Procedures and Equipment:** No unusual precautions necessary.

**Waste Disposal:** Any disposal practice must be in compliance with local, state, and federal laws and regulations.

**Storage Procedures:** KEEP OUT OF REACH OF CHILDREN & PETS.

**Personal Protective Equipment:** Not Applicable

## Natural Dish Liquid

Engineering Controls: Not Applicable		
<b>SECTION VIII: PHYSICAL &amp; CHEMICAL PROPERTIES</b>		
Physical State: Liquid		
Color & Appearance: Clear liquid		
pH: 7.9-8.1		
Specific Gravity: As water		
Solubility in Water: Miscible		
Percent Volatiles: ≤0.5%		
Density (g/cc): 1.04		
Odor Threshold Limit: Not Applicable		
<b>SECTION IX: STABILITY &amp; REACTIVITY</b>		
Chemical Stability: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable under the following conditions:		
Incompatible Materials: None Known		
Hazardous Decomposition Products: None Known		
Possibility of Hazardous Reactions: None Known		
<b>SECTION X: TOXICOLOGICAL INFORMATION</b>		
Route(s) of Entry:		
<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		
Effects of Acute Exposure to Product: Acute exposure may result in eye irritation; however no permanent damage is expected.		
Effects of Chronic Exposure to Product: Not Applicable		
LD <sub>50</sub> of Product: >5000mg/kg		
Chronic Toxicities: <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>		
Ecotoxicity: LC <sub>50</sub> of Product: <100 mg/L		
Environmental Fate: This product is biodegradable.		
<b>SECTION XII: PREPARATION INFORMATION</b>		
Additional Information: 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.		
Sources Used: General MSDS chemical references		
Prepared by Seventh Generation, Inc.	Telephone Number 800-456-1191	Issue Date September 29, 2009
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