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

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Concentration (%)</th>
<th>CAS Number</th>
<th>Exposure Limits</th>
<th>Toxicity Data LD50(oral, rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aqua (water)</td>
<td>10-100</td>
<td>7732-18-5</td>
<td>NAV</td>
<td>NAV</td>
</tr>
<tr>
<td>Sodium Lauryl Sulfate (SLS)</td>
<td>10-100</td>
<td>151-21-3</td>
<td>NAV</td>
<td>&gt;500-5,000 mg/kg</td>
</tr>
<tr>
<td>Lauramine Oxide</td>
<td>3-30</td>
<td>1643-20-5</td>
<td>NAV</td>
<td>&gt;5,000 mg/kg</td>
</tr>
<tr>
<td>Glycerin</td>
<td>1-10</td>
<td>56-81-5</td>
<td>NAV</td>
<td>&gt;12,000 mg/kg</td>
</tr>
<tr>
<td>Caprylyl/Myristyl Glucoside</td>
<td>1-10</td>
<td>68515-73-1 &amp; 110615-47-9</td>
<td>NAV</td>
<td>&gt;5,000 mg/kg</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>0.1-1</td>
<td>77-92-9</td>
<td>NAV</td>
<td>3,000mg/kg</td>
</tr>
<tr>
<td>Magnesium Chloride</td>
<td>0.1-1</td>
<td>7791-18-6</td>
<td>NAV</td>
<td>8,100mg/kg</td>
</tr>
<tr>
<td>*Whole Essential Oils</td>
<td>0.01-1</td>
<td>NAV</td>
<td>NAV</td>
<td>NAV</td>
</tr>
<tr>
<td>Preservative System Components:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyldithizolinolone</td>
<td>0.01-1</td>
<td>2682-20-4</td>
<td>NAV</td>
<td>&gt;2,500 mg/kg</td>
</tr>
<tr>
<td>Benzisothiazolinolone</td>
<td></td>
<td>2634-33-5</td>
<td>NAV</td>
<td>NAV</td>
</tr>
</tbody>
</table>

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*: cedrel, 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 (cardamom) 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: ACCIDENTAL RELEASE MEASURES

Spill and Leak Precautions: Absorb the spill with a paper towel.
Natural Dish Liquid

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

Engineering Controls: Not Applicable

SECTION VIII: PHYSICAL & CHEMICAL PROPERTIES

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

SECTION IX: STABILITY & REACTIVITY

Chemical Stability: ☑ Stable ☐ Unstable under the following conditions:

Incompatible Materials: None Known

Hazardous Decomposition Products: None Known

Possibility of Hazardous Reactions: None Known

SECTION X: TOXICOLOGICAL INFORMATION

Route(s) of Entry:

☒ Skin Contact ☐ Skin Absorption ☒ Eye Contact ☐ Inhalation, Acute ☐ Inhalation, Chronic ☒ 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

LD₅₀ of Product: >5000mg/kg

Chronic Toxicities: ☐ Carcinogenic ☑ Reproductive Toxin ☐ Teratogenic ☐ Mutagenic ☒ None

SECTION XI: ECOLOGICAL INFORMATION

Ecotoxicity: LC₅₀ of Product: <100 mg/L

Environmental Fate: This product is biodegradable.

SECTION XII: 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: General MSDS chemical references

Prepared by
Seventh Generation, Inc.

Telephone Number
800-456-1191

Issue Date
December 8, 2010

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