## SECTION I – MATERIAL IDENTIFICATION AND USE

**Material Name**
Laundry Liquid, Lavender

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

**Street Address**
212 Battery Street

**City**
Burlington

**State**
VT

**Zip Code**
05401-5281

**EMERGENCY TELEPHONE NO.**
0800-456-1191

## SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Concentration (%)</th>
<th>CAS Number</th>
<th>Exposure Limits</th>
<th>Toxicity Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>10 - 100</td>
<td>7732-18-5</td>
<td>NAV</td>
<td>NAV</td>
</tr>
<tr>
<td>Sodium lauryl ether sulfate</td>
<td>3 - 30</td>
<td>68585-34-2</td>
<td>NAP</td>
<td>5,000 mg/kg</td>
</tr>
<tr>
<td>Coconut alcohol ethoxylate</td>
<td>1 – 10</td>
<td>68131-39-5</td>
<td>NAP</td>
<td>4,150 mg/kg</td>
</tr>
<tr>
<td>Borax</td>
<td>0.03 – 3</td>
<td>12079-04-03</td>
<td>NAP</td>
<td>3,200 mg/kg</td>
</tr>
<tr>
<td>Sodium Gluconate</td>
<td>0.03 – 3</td>
<td>527-07-1</td>
<td>NAP</td>
<td>2,000 mg/kg</td>
</tr>
<tr>
<td>Sodium Chloride</td>
<td>0.03 – 3</td>
<td>7647-14-5</td>
<td>NAP</td>
<td>3,000 mg/kg</td>
</tr>
<tr>
<td>Savinase 16 L Enzyme</td>
<td>0.01 – 1</td>
<td></td>
<td>NAP</td>
<td>1,000 mg/kg</td>
</tr>
<tr>
<td>Termamyl 300L Enzyme</td>
<td>0.01 – 1</td>
<td></td>
<td>NAP</td>
<td>NAV</td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td>0.01 – 1</td>
<td>10043-52-4</td>
<td>NAP</td>
<td>1,000 mg/kg</td>
</tr>
<tr>
<td>Lavender Oil, Natural</td>
<td>0.01 – 1</td>
<td></td>
<td>NAP</td>
<td>NAV</td>
</tr>
<tr>
<td>Surcide-P</td>
<td>&lt; 0.05</td>
<td>4719-04-4</td>
<td>NAP</td>
<td>535 mg/kg</td>
</tr>
</tbody>
</table>

## SECTION III – PHYSICAL DATA FOR MATERIAL

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Color and Appearance</th>
<th>Odor Limit</th>
<th>Specific Gravity</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] Solid</td>
<td>Clear liquid</td>
<td>NAP</td>
<td>As water</td>
</tr>
<tr>
<td>[X] Liquid</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vapor Pressure (mm)</th>
<th>Vapor Density (Air=1)</th>
<th>Evaporation Rate</th>
<th>Boiling Point</th>
<th>Freezing Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>As water</td>
<td>As water</td>
<td>As water</td>
<td>As water</td>
<td>As water</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solubility in Water</th>
<th>Percent Volatiles</th>
<th>pH</th>
<th>Density (g/cc)</th>
<th>Coef. Of Oil/Water Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miscible</td>
<td>60-80 (Water)</td>
<td>8.5-9.5</td>
<td>1.04</td>
<td>NAV</td>
</tr>
</tbody>
</table>

## SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL

**Flammable?** If yes, under what conditions?
Yes [X] No [ ]

**Means of Extinction**
NAP

**Special Procedures**
NAP

<table>
<thead>
<tr>
<th>Flashpoint (°C) and Method</th>
<th>Upper Explosion Limit (% by Volume)</th>
<th>Lower Explosion Limit (% by Volume)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAP</td>
<td>NAP</td>
<td>NAP</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Auto Ignition Temperature (°C)</th>
<th>TDG Flammability Classification</th>
<th>Hazardous Combustion Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAP</td>
<td>NAP</td>
<td>NAP</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sensitivity to Impact</th>
<th>Rate of Burning</th>
<th>Explosive Power</th>
<th>Sensitivity to Static Discharge</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAV</td>
<td>NAV</td>
<td>NAV</td>
<td>NAP</td>
</tr>
</tbody>
</table>

## 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
SECTION VI – TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry
- [X] Skin Contact
- [ ] Skin Absorption
- [X] Eye Contact
- [ ] Inhalation, Acute
- [ ] Inhalation, Chronic
- [X] 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.

LD₅₀ of Product
NAV

LC₅₀ 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
- 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.

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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