

# Material Safety Data Sheet

## THE LEAF PROJECT Liquid Dishwashing Soap

Rev. 07/17/2001

### Section I: Product Identification

Product name: Liquid Dishwashing Soap

Synonym: Detergent

Molecular Formula: BLENDED PRODUCT

### The "Plain English" Section

Material Safety Data Sheets can be confusing. Federal law requires us to print a great deal of technical information, which probably won't help the non-scientist. ECOLINK and The Leaf Project includes this "PLAIN ENGLISH" section, written to address the questions and concerns of the average person. If you have additional health, safety or product questions, don't hesitate to call us at 800/886-8240. For additional info, visit [www.leafproject.com](http://www.leafproject.com).

**Health Hazards:** This cleaner is formulated to institutional use. We call it "environmentally preferred" because it is intended to replace products that are more hazardous, (harsh caustic cleaners, cleaners containing solvents or other toxic material). Used on a rag or from a spray bottle, the product won't produce fumes, but we do suggest that you use all chemicals with adequate ventilation. For more exposure and first aid information, refer to MSDS Sections II, VI.

**Flashpoint:** This product has a flashpoint greater than 200° F. Flashpoint is the temperature the liquid must reach before it emits fumes that might ignite. 200° F is pretty hot, so combustion is not a concern with this product.

**Disposal:** Because this product has no flashpoint or other characteristic hazardous waste product. Once it is contaminated with whatever you are cleaning, the resulting mixture may fall under an additional hazardous classification, depending on whether or not the material you are cleaning is hazardous. If you are not sure how to dispose of used Leaf Products, give us a call and we will help you make the right decision.

### Section II: Chemical or Hazardous Components

This product contains a proprietary blend of vegetable derived esters and fatty acids that exhibit extremely low toxicity.

For more information on the environmental, health and sustainability characteristics of this product, please visit our website which carries an extensive rating of all Leaf Products, ([www.leafproject.com](http://www.leafproject.com)).

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800/886-8240 or  
770/621-8240 (8-5 EST)

**EMERGENCY NUMBERS**  
800/877-3339 (8-5 EST)  
800/535-5053 (24 HOURS)

ALL MATERIALS IN PRODUCT ARE TSCA LISTED

|                     |               |
|---------------------|---------------|
| RCRA REGULATED:     | No            |
| CERCLA (superfund): | N/A           |
| DOT Regulated:      | Not hazardous |
| DOT Haz. Class:     | N/A           |
| DOT Shipping Name:  | N/A           |
| DOT Number:         | Not listed    |

(Questions concerning DOT information refer to DOT manual CFR 49, chapter 1, 10/96 edition)

### Section III: Physical Data

|                              |  |
|------------------------------|--|
| Appearance & Odor:           | Clear viscous liquid with slight odor. |
| Boiling Point:               | 215° F @760 mm Hg                      |
| Evaporation Rate ( H2O = 1): | As water                               |
| Solubility In Water:         | Complete                               |
| Specific Gravity (H2O=1):    | 1.07                                   |
| Vapor Density (AIR=1):       | As water                               |
| Vapor Pressure (mm Hg):      | As water                               |

### Section IV: Fire and Explosion Hazard Data

|  |                                 |
|--|---------------------------------|
| Flash Point (Method):<br>Bulk Liquid (TCC) | None                            |
| Flammable Limits:<br>LEL<br>UEL            | N/A<br>N/A                      |
| Extinguishing Media:                       | None required                   |
| Special Fire Fighting Procedures:          | No special procedures required. |
| Unusual Fire & Explosion Hazards:          | None                            |

### Section V: Reactivity Data

|                                       |  |
|---------------------------------------|--|
| Stability:                            | Stable                                       |
| Conditions to Avoid:                  | Do not mix with bleach.                      |
| Incompatibility (Materials to Avoid): | Strong oxidizing agents and/or strong acids. |
| Hazardous Decomposition:              | Carbon Monoxide                              |
| Hazardous Polymerization:             | Will not occur.                              |

## Section VI: Health Hazard Data

### Primary Routes of Exposure:

Oral, inhalation, & skin

### Ingestion:

Swallowing large amounts may be harmful by causing gastrointestinal irritation.

### Inhalation:

N/A

### Eyes:

Irritant. Liquid contact will irritate eyes and may cause stinging, tearing, and redness.

### Skin or Contact:

Prolonged exposure may cause mild irritation.

### First Aid:

Ingestion: Give 1 or 2 glasses of water and induce vomiting as directed by medical personnel. Do not induce vomiting if person is unconscious or convulsing.

Ingestion: Remove to fresh air.

Eyes: Irrigate immediately with water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Wash with water. If symptoms persist, seek medical attention

Carcinogen: NTP – Not Listed  
IARC Monographs – None  
OSHA REGS – Not Regulated

## Section VII: Precautions for Safe Handling

### HMIS Information:

Health – 1 /      Reactivity – 0  
Flammability – 0      Personal Protection – A

### HMIS Definition:

0 – Minimal, 1 – Slight, 2 – Moderate, 3 – Serious, 4 – Extreme

“/” in the Health Category denotes material does not target any major organs.

“\*\*” in the Health Category denotes material may target certain organs.

### Eye Protection

Safety glasses are suggested whenever handling any chemicals.

### Protective Gloves:

Rubber gloves recommended only needed for prolonged contact.

### Respiratory Protection:

N/A

Ventilation: No special ventilation required.

Other Protective Clothing: None required under normal use.

Work Practices: No special precautions required, but avoid eye contact. Treat this chemical with respect and follow all MSDS instructions.

## Section VIII: Control Measures

Small Spill: Mop up, wet vac, or flush to sewer with water.

Large Spill: Contain spill, and clean up using method described in small spill procedure.

Waste Disposal Method: Dispose of unused, material as non-hazardous in compliance with all state, federal and local chemical waste regulations (incineration, sanitary sewer, or an approved chemical waster hauler). Used material must be tested for contaminants, then disposed of in compliance with state, federal and local regs. Please call us if you need additional disposal information.

Precautions To Be Taken In Handling & Storing: Material should be stored in a cool dry area in a closed container. Read and follow all warnings and safe handling procedures on the MSDS and product label.

Other Precautions: Keep this and all chemicals out of the reach of children.

## Section IX: Part Number & Packaging

### Product Name    Part No.    Packaging

|                         |         |              |
|-------------------------|---------|--------------|
| Liquid Dishwashing Soap | 1103-55 | 55 Gal Drum  |
| Liquid Dishwashing Soap | 1103-1  | 4x1 Gal Case |
| Liquid Dishwashing Soap | 1103-12 | 12 Qt Case   |

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END OF MSDS