MATERIAL SAFETY DATA SHEET

Identity: Liquid Hand Dishwashing Detergent
Brands:
  Ultra Dawn Power Plus
  Ultra Dawn Plus Hand Care
  Ultra Dawn Oxi
  Ultra Dawn with Bleach Alternative (Mountain Spring, Fresh Rapids)
  Dawn Complete (Original Scent, Apple Blossom, Floral Scent, Antibacterial Hand Soap)

P&G Telephone Number:
DAWN 1-800-725-3296 (DAWN)
or call Local Poison Control Center or your physician

SECTION II - COMPOSITION AND INGREDIENTS

Ingredients listed on the product label are: biodegradable surfactants (anionic and nonionic), enzymes and no phosphate.

The active ingredient in the Dawn Complete Dishwashing Liquid + Antibacterial Hand Soap is triclosan at 0.1%. The Drug Facts box on the back label of this product lists all inactive ingredients in the formula.

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Common Name</th>
<th>CAS No.</th>
<th>Composition Range</th>
<th>LD50/LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>Ethanol</td>
<td>64-17-5</td>
<td>1-5%</td>
<td>LD50 (rabbit, oral)= 6300 mg/kg</td>
</tr>
</tbody>
</table>
### SECTION III - HAZARDS IDENTIFICATION

**Potential Health Hazards (Acute and Chronic):** (See Section 11 for more information)

- **Ingestions:** Ingestion may cause transient gastrointestinal irritation.
- **Eye Contact:** May cause mild, transient irritation.
- **Skin:** Transient irritation with prolonged exposure to concentrated material.
- **Inhalation:** N/A

**Signs and Symptoms of Exposure:**

- **Ingestion:** May result in nausea, vomiting, and/or diarrhea.
- **Eye Contact:** May cause stinging, tearing, itching, swelling, and/or redness.
- **Skin:** Prolonged contact with concentrated material may be drying or transiently irritating to skin.
- **Inhalation:** N/A

**Potential Environmental Effects:** (See Section 12 for more information)

### SECTION IV - FIRST AID INFORMATION

**First Aid Procedures:**

- **Ingestion:** Drink 1 or 2 glasses of water.
- **Eye Contact:** Flush thoroughly with water for 15 minutes.
- **Skin:** If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes. If symptoms persist or recur, seek medical attention.
- **Inhalation:** N/A

**Other:** Consumer product package has a voluntary avoid accidents statement on the back label: “Keep out of reach of children. If the product gets in eyes, rinse thoroughly with water. If swallowed, drink a glass of water to dilute.”

### SECTION V - FIRE FIGHTING INFORMATION

**Flammable Properties:** The liquid hand dishwashing detergents have a flashpoint of 115-135°F (46.1-57.2°C) Pensky-Martens (Closed cup). However, the detergents are an aqueous solution (>50% water) and do not sustain combustion according to ASTM D4206.

**Extinguishing Media:**

- Suitable: CO2, water or dry chemical.

**Protection of Firefighters:**

Specific Hazards Arising form the Material: None

Special Fire Fighting Procedures: None.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** None

**Environmental Precautions:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Solutions of the detergents may be allowed to be flushed down sewer - First check with your local water treatment plant. Recycling is recommended for undiluted scrap product. Do not landfill.

**Steps To Be Taken in Case Material is Released or Spilled:** Prevent spills from reaching a waterway. Sorbents may be used. Read “Waste Disposal Method” below for further information.
### SECTION VII - HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** No unusual precautions necessary.

**Precautions To Be Taken in Storage:** No unusual precautions necessary.

### SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

**Recommended Exposure Guidelines:**

- Ethanol (CAS# 64-17-5) ACGIH-TLV 1000 ppm
- OSHA Z-1 PEL 1000 ppm

**Engineering Controls:**

**Personal Protective Equipment (PPE):**

- **Eye/Face Protection:** None required with normal household use.
- **Industrial Setting:** For splash protection, use chemical goggles. Eye wash fountain is recommended.
- **Skin Protection:** None required with normal household use.
- **Industrial Setting:** Protective gloves (rubber, neoprene) should be used for prolonged direct contact.
- **Respiratory Protection:** None required with normal household use.
- **Ventilation Local Exhaust:** None required with normal consumer use. **Special:** None
- **Industrial (General):** Normal/general dilution ventilation is acceptable. **Other:** None

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point °F</td>
<td>N/K</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>N/K</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>N/K</td>
</tr>
<tr>
<td>Flash Point (Method Used):</td>
<td>115-135°F (46.1-57.2°C) Pensky-Martens (Closed cup). This is an aqueous solution (&gt;50% water) that contains less than 24% by volume of alcohol and does not sustain combustion according to ASTM D4206.</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Completely</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Colored liquids. All products are perfumed.</td>
</tr>
<tr>
<td>Auto-Ignition Temperature:</td>
<td>N/K</td>
</tr>
<tr>
<td>Evaporation Rate (nBuOAc=1):</td>
<td>N/K</td>
</tr>
<tr>
<td>Specific Gravity (H2O=1)/Density</td>
<td>ca. 1</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Melting/Freezing Point:</td>
<td>~ 30 °F (-1.1°C)</td>
</tr>
<tr>
<td>pH (10% solution)</td>
<td>9-9.2</td>
</tr>
<tr>
<td>Reserve Alkalinity</td>
<td>N/A</td>
</tr>
<tr>
<td>Partition Coefficient (n-octanol/water):</td>
<td>N/K</td>
</tr>
<tr>
<td>Decomposition Temperature:</td>
<td>N/K</td>
</tr>
<tr>
<td>Explosive Limits:</td>
<td>LEL: N/A UEL: N/A</td>
</tr>
</tbody>
</table>

### SECTION X - STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Possible Hazardous Reactions/Conditions:** None known

**Conditions to Avoid:** None

**Incompatible Materials:** None

**Hazardous Decomposition Products:** None known

### SECTION XI - TOXICOLOGICAL INFORMATION

Liquid hand dishwashing detergents have a relatively low order of toxicity. They may be irritating, but they are not expected to be corrosive. They are expected to be emetic.
SECTION XII - ECOLOGICAL INFORMATION

All surfactants are readily biodegradable. These products are safe for septic tanks.

SECTION XIII - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS.

*Household Disposal:* Household product is safe for disposal down the drain with running water. The empty container may be discarded in the trash or recycled where facilities exist.

*Non-household Setting:* Products covered by this MSDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261). The products are aqueous solutions (>50% water) that contain less than 24% by volume of alcohol. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is recommended for undiluted scrap product. Do not landfill.

SECTION XIV - TRANSPORT INFORMATION

**Transportation Information** – These products are not regulated for transportation.

For finished, packaged product transported by ground (DOT): Not regulated
For finished, packaged product transported by water/vessel (IMDG): Not regulated
For finished, packaged product transported by air (IATA): Not regulated

SECTION XV - ADDITIONAL REGULATORY INFORMATION

All intentionally-added components are listed on the US TSCA Inventory.
These products are not subject to warning labeling under California Proposition 65.
Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.
All ingredients are CEPA approved for import to Canada by Procter & Gamble only.

SECTION XVI - OTHER INFORMATION

<table>
<thead>
<tr>
<th>P&amp;G Hazard Rating</th>
<th>Health:</th>
<th>Flammability:</th>
<th>Reactivity:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = NOT SIGNIFICANT

*N/A. - Not Applicable
*N/K. - Not Known

Data supplied is for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company’s knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled product.