



Commercial Products Group  
CPG TN 6  
2 Procter & Gamble Plaza  
Cincinnati, OH 45202

HMIS®  
Health 1  
Flammability 0  
Reactivity 0

## MATERIAL SAFETY DATA SHEET

Issue Date: 2/99

### SECTION I

Emergency Telephone Number: Procter & Gamble Operator 1-513-983-1100  
Identity: **Professional Line DAWN Manual Pot and Pan Detergent**  
Ingredients/Chemical Name: Cleaning and sudsing agents (anionic and nonionic surfactants) dispensing aid (ethyl alcohol), water, stabilizing agents, colorants and with or without perfume.  
Other: N.A.

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

| Chemical Name | Common Name   | CAS No. | ACGIH TLV | OSHA PEL                           | Other Limits Recommended |
|---------------|---------------|---------|-----------|------------------------------------|--------------------------|
| Ethanol       | Ethyl Alcohol | 64-17-5 | 1000 ppm  | 1000 ppm<br>1900 mg/m <sup>3</sup> | N.K.                     |

**DOT Classification:** Combustible liquid not regulated in packaging of less than 119 gallons. When shipped in bulk, classified as compounds, cleaning liquid Class 3 (NA 1993)

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

|                               |  |
|-------------------------------|--|
| Boiling point: N.A.           | Specific Gravity (H <sub>2</sub> O=1): 1.02                                    |
| Vapor Pressure (mm Hg): N.A.  | Percent Volatile by Volume (%): 65%  |
| Vapor Density (Air=1): N.A.   | Evaporation Rate (nBuOAc=1): N.A.  |
| Solubility in Water: Complete | Appearance and Odor: Clear blue floral scent or clear amber lemon scent liquid |
| pH (10% solution): 7.4        |  |

### SECTION IV - FLAMMABILITY AND REACTIVITY

**Flash Point (Method Used):** Estimated 132°F (closed cup) Although this product has a flash point below 200°F (closed cup) it is an aqueous solution containing ethyl alcohol and does not sustain combustion.

**Explosive Limits:** LEL: N.A. UEL: N.A.

**Extinguishing Media:** Use CO<sub>2</sub>, water or dry chemical

**Special Fire Fighting Procedures:** None Known.

**Unusual Fire Hazards:** None Known.

**Stability**      *Unstable:*  
                    *Stable: X*

*Conditions to Avoid:* None Known

**Incompatibility (Materials to avoid):** N.K.

**Hazardous Decomposition/By Products:** N.K.

**Hazardous**      *May Occur:*

*Conditions to Avoid:* None Known

**Polymerization**      *Will Not Occur: X*

PROFESSIONAL LINE DAWN Material Safety Data Sheet (continued)

**SECTION V - HEALTH AND SAFETY DATA**

**Route(s) of Entry:** Oral, skin contact, eye contact

**Health Hazards (Acute and Chronic):** Ingestion: May cause transient gastrointestinal irritation. Skin: Prolonged contact with concentrated product may be drying or irritating to skin. Eye Contact: May cause stinging, tearing, itching, swelling and/or redness.

**Signs and Symptoms of Exposure:** Expected to be emetic if ingested. May cause nausea and/or diarrhea. May cause mild transient irritation if eye contact occurs. Prolonged contact with concentrated material may be drying or transiently irritating to skin.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing dermatitis may be aggravated by prolonged contact with concentrated material.

**Emergency and First Aid Procedures:** *Eye Contact:* Flush thoroughly with water for 15 minutes. *Ingestion:* Drink a glassful of water. *Skin:* If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes.

**Other:** N.A.

**SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Precautions to be Taken in Handling and Storing:** None required

**Other precautions:** N.K..

**Steps to Be Taken in Case Material is Released or Spilled:** Flush small quantities down acceptable sewer (contains biodegradable surfactants). Prevent spills from reaching waterway. Sorbents may be used.

**Waste Disposal Method:** Disposal is to be performed in compliance with all regulations. Small or household quantities may be disposed of in sewer. For larger quantities incineration is preferred. Do not landfill.

**SECTION VII - SPECIAL PROTECTION INFORMATION**

**Respiratory Protection (Specify Type):** None required with normal use

**Ventilation** *Local Exhaust:* None required with normal use. *Special:* None  
*Mechanical (General):* Acceptable *Other:* None

**Eye Protection:** None required with normal use. If a splash is likely, goggles may be needed. **Protective Gloves:** None required with normal use. Protective gloves should be used for prolonged contact with undiluted product.

**Other Protective Equipment:** None required with normal use.

\*N.A. - Not Applicable

\*N.K. - Not Known

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.