



Procter & Gamble  
 Laundry & Cleaning Products Division  
 Ivorydale Technical Center  
 5299 Spring Grove Avenue  
 Cincinnati, OH 45217-1087

# MATERIAL SAFETY DATA SHEET

Issue Date: 09/97

**SECTION I - IDENTIFICATION**

Emergency Telephone Number: 24 hr. P&G Operator - 1-800-725-3296 or call Local Poison Control Center

Identity: **DAWN** (Liquid dishwashing detergents) BT (Blue)

Ingredients/Chemical Name: Ingredients: Cleaning and sudsing agents (anionic and nonionic surfactants), dispensing aid (ethyl alcohol), water, stabilizing agents, colorant and perfume.

**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
Ethyl Alcohol	Ethanol	64-17-5	1900 mg/m <sup>3</sup>		

See Section V - Health and Safety Data

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point *F: Unknown	Specific Gravity (H <sub>2</sub> O=1): 1.04
Vapor Pressure (mm Hg): Unknown	Percent Volatile by Volume (%): ~ 65
Vapor Density (Air=1): Unknown	Evaporation Rate (nBuOAc=1): Unknown
Solubility in Water: Completely soluble.	Appearance and Odor: Blue or yellow liquid. Floral or citrus perfume

**SECTION IV - FLAMMABILITY AND REACTIVITY**

Flash Point (Method Used): 120°F. Pinsky-Martens  
 Closed cup

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

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

Special Fire Fighting Procedures: None. Although this product has a flash point below 200°F (closed cup), it is an aqueous solution containing ethyl alcohol which does not sustain combustion.

Unusual Fire Hazards: None

Stability: *Unstable:* *Conditions to Avoid: None known.*  
*Stable: X*

Incompatibility (Materials to Avoid): None known

Hazardous Decomposition/By Products: None known.

Hazardous Polymerization: *May Occur:* *Conditions to Avoid: None known.*  
*Will Not Occur: X*

**SECTION V - HEALTH AND SAFETY DATA**

**Health Hazards (Acute and Chronic):**

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

**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.

**Emergency and First Aid Procedures:**

- Ingestion: Drink 1 or 2 glasses of water.
- Eye Contact: Flush with water for 10 to 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.

**Other:**

Consumer product package has a voluntary avoid accidents statement.

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

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

**Other Precautions:** None known

**Steps To Be Taken in Case Material is Released or Spilled:** Prevent spills from reaching a waterway. Sorbents may be used.

**Waste Disposal Method:** Disposal is to be performed in compliance with all regulations. Diluted solutions with Dawn may be allowed to be flushed down sewer. First check with your local water treatment plant.

**Incineration is preferred otherwise . 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):* Normal/general dilution ventilation is acceptable.

*Other:* None

**Eye Protection:** None required with normal use.

*Industrial Setting:* If a splash is likely, chemical goggles may be needed.

**Protective Gloves:** None required with normal use. Protective gloves (rubber, neoprene) should be used for prolonged direct contact.

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

\*NA. - Not Applicable

\*NK. - 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.