



Page 1 of 4
Procter & Gamble
P&G Household Care
Ivorydale Technical Center
5299 Spring Grove Avenue
Cincinnati, OH 45217-1087

MATERIAL SAFETY DATA SHEET

MSDS #: FH/L/2005/RWRB-6FLJW3
Supersedes: New

Issue Date: 12/5/05
Issue Date: N/A

SECTION I - CHEMICAL PRODUCT

Identity: **Liquid Hand Dishwashing Detergents** Finished product

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

Products contain biodegradable surfactants (anionic and nonionic), enzymes and **no phosphate**.

The active ingredient in the Dawn Complete Dishwashing Liquid + Antibacterial Hand Soap is triclosan. 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.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Ethyl alcohol	Ethanol	64-17-5	1-5%	N/A

SECTION III - HAZARDS IDENTIFICATION

Potential Health Hazards (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.

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.

SECTION IV - FIRST AID INFORMATION**Emergency and 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.

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

Explosive Limits: LEL: N/A UEL: N/A

Extinguishing Media: CO2, water or dry chemical.

Special Fire Fighting Procedures: None. Although this product has a flash point below 200°F (closed cup), it is a >50% aqueous solution that does **not** sustain combustion.

DOT classification is non-hazardous.

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 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 and Storing: No unusual precautions necessary.

Other Precautions: None known

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

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

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

Ventilation *Local Exhaust:* None required with normal consumer use. *Special:* None
Mechanical (General): Normal/general dilution ventilation is acceptable. *Other:* None

Eye Protection: None required with normal consumer use.
Industrial Setting: For splash protection, use chemical goggles. Eye Wash fountain is desirable.

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

Other Protective Equipment: None required with normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point °F: Not known	Specific Gravity (H2O=1): ca. 1
Vapor Pressure (mm Hg): N/A	Physical State: Liquid
Vapor Density (Air=1): N/A	Melting/Freezing Point: ~ 30 °F (-1.1°C)
Flash Point (Method Used): 115-135°F (46.1-57.2°C) Pensky-Martens (Closed cup)	pH (10% solution): 8-9
Solubility in Water: Completely	Reserve Alkalinity: N/A
Appearance (color, physical form, shape): Colored liquids. Products are perfumed.	

SECTION X - STABILITY AND REACTIVITY

Possible Hazardous Reactions/Conditions: None known

Conditions to Avoid: None

Materials to Avoid: None

Hazardous Decomposition Products: None known

Other Recommendations: None

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.

