



Page 1 of 4
 Procter & Gamble
 CPG TN 6
 2 Procter & Gamble Plaza
 Cincinnati, OH 45202

MATERIAL SAFETY DATA SHEET

MSDS #: LDL 0006

Issue Date: 7/04

Supersedes:

Issue Date:

SECTION I - CHEMICAL PRODUCT

Identity: Liquid Hand Dishwashing Detergent

Brands: DAWN (All Variations)

Hazard Rating:

Health:	1	4=EXTREME
Flammability:	1	3=HIGH
Reactivity:	0	2= MODERATE
		1=SLIGHT

Emergency Telephone Number: 1-800-332-7787 or call local Poison Control Center

SECTION II - INGREDIENTS, COMPOSITION AND ANALYSIS

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

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Recommended Limits</u>	<u>Composition Range</u>
Ethyl alcohol	Ethanol	64-17-5	ACGIH TLV: 1880 mg/m ³	1-6%
Subtilisin	Protease	9014-01-1	NIOSH STEL 0.00006 mg/m ³	<0.01%
Amylase	Amylase	9000-90-2	NIOSH STEL 0.00006 mg/m ³	<0.01%

SECTION III - HAZARD IDENTIFICATION

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.

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: Product package has a voluntary avoid accidents statement.

LIQUID HAND DISHWASHING DETERGENT MSDS (Continued)

Page 3 of 4

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point °F: Not known	Specific Gravity (H₂O=1): ca. 1
Vapor Pressure (mm Hg): N/A	Percent Volatile by Volume (%): ~60-65%
Vapor Density (Air=1): N/A	Evaporation Rate (nBuOAc=1): Unknown
Odor Threshold: N/A	Freezing Point: ~ 30° F
Coefficient of Water/Oil Distribution: N/A	pH: 8-9
Scooped Density: N/A	Solubility in Water: Completely
Appearance and Odor: Product may be blue or yellow. Product is perfumed.	Reserve Alkalinity: N/A

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

LD50 (rats oral): approx 12 mL/kg
ED50 approx 2.3 mL/kg
 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. This product is safe for septic tanks.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal is to be performed in compliance with Federal, state and local regulations.
Industrial Setting: 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

Dawn is non-hazardous under DOT.

SECTION V. ADDITIONAL RELEVANT INFORMATION

All components are listed on the US TSCA Inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA §5.

No components of Dawn are subject to California Proposition 65 labeling.

All ingredients are CEPA approved for import to Canada by Procter & Gamble only.

SECTION VI. OTHER INFORMATION

*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.

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.