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Procter & Gamble
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MATERIAL SAFETY DATA SHEET

MSDS: FH/F/2002/GDGH-5G3JG4
Supersedes: FH/F/2002/GDGH-58NPMT

Issue Date: 12/4/02
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SECTION I - CHEMICAL PRODUCT

Identity: **LIQUID FABRIC SOFTENER**

Brands: **DOWNY NON-CONCENTRATED (APRIL FRESH, TROPICAL BLOOM, AND CLEAN BREEZE)**

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

Emergency Telephone Number: 24hr P&G Operator - 1-800-688-SOFT (7638) or call Local Poison Control Center

SECTION II - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Contains biodegradable fabric softening agents (cationic).

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

<u>Chemical Name</u>	<u>CAS No.</u>	<u>ACGIH-TLV</u>	<u>OSHA PEL</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Ethanol	64-17-5	1000 ppm	1000 ppm	0.33 – 1.65%	N/A

Under normal consumer use, this product would not constitute a hazardous product under US OSHA Hazard Communication. With increased exposure (compared with consumer use) this mixture, when tested as a whole, is considered an inhalation hazard (enzymes) and an eye irritant within the meaning of the OSHA Hazard Communication Standard.

SECTION III - HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

Ingestion: Mild gastrointestinal irritation.
Eye Contact: Slightly irritating
Skin Contact: Slightly irritating
Inhalation: None

Signs and Symptoms of Exposure:

Ingestion: Oral ingestion may result in gastrointestinal irritation with nausea, vomiting, and/or diarrhea.
Eye Contact: May result in transient, slight irritation.
Skin Contact: May result in transient, slight irritation.
Inhalation: None

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection (Specify Type): No special precautions for casual exposure.

Ventilation *Local Exhaust:* Not necessary *Special:* None

Mechanical (General): Acceptable *Other:* None

Eye Protection: None required for normal use.

Industrial setting: For splash protection use chemical goggles.

Protective Gloves: None required for normal use. For prolonged contact, use rubber or neoprene gloves.

Industrial setting: For prolonged contact, use rubber or neoprene gloves.

Other Protective Equipment: None required

Industrial setting: None required

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point °F: 184F – 194F

Specific Gravity (H₂O=1): ~ 1.0

Vapor Pressure (mm Hg): N. A.

Percent Volatile by Volume (%): ~ 25.0

Vapor Density (Air=1): N. A.

Evaporation Rate (nBuOAc=1): N. K.

Odor Threshold: N. A.

Freezing Point: ~15F

Coefficient of Water/Oil Distribution: N. A.

pH (1% solution): ~ 3.0

Scooped Density: N. A.

Solubility in Water: Completely Soluble

Appearance and Odor: Colored liquid with scent

Physical State: Liquid

SECTION X - STABILITY AND REACTIVITY

Possible Hazardous Reactions/Conditions: None

Conditions to Avoid: None

Materials to Avoid: None

Hazardous Decomposition Products: None

Other Recommendations: None

SECTION XI - TOXICOLOGICAL INFORMATION

LD50 (rats oral): >2000mg/kg

SECTION XII - ECOLOGICAL INFORMATION

No concerns at relevant environmental concentrations.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Product as shipped is not considered to be hazardous waste when discarded. Large quantities can be disposed of by incineration. Do not landfill. Small Quantities can be flushed down sewer with excess water or dispose as liquid scrap. DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION XIV - TRANSPORT INFORMATION

Packaged consumer product and bulk product not considered hazardous under DOT.

SECTION XV - ADDITIONAL REGULATORY INFORMATION

CERCLA listed chemicals: Hydrochloric acid (CAS# 7647-01-0) – 5000 lb reportable quantity.

Ethanol (CAS# 64-17-5) – 100 lb reportable quantity.

All intentionally-added components of Downy are listed on the U.S. TSCA Inventory. No components are affected by Significant New Use Rules under TSCA §5.

Liquid Downy Non-Concentrated is not subject to warning labeling under California Proposition 65.

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified with Hazard Criteria of the Canadian Control Products Regulation (CPR) and this MSDS contains all information required by the Canadian Products Regulation.

SECTION XVI - 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.