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MATERIAL SAFETY DATA SHEET

MSDS: FH/F/2006/LGLL-6RWQDW
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SECTION I - CHEMICAL PRODUCT

Identity: **LIQUID FABRIC SOFTENER**

Brands: **LIQUID DOWNY ULTRA PLUS WHITENING – ALL SCENT VARIATIONS**

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

SECTION II - COMPOSITION AND INGREDIENTS

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

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200 and/or WHMIS under the HPA.

Note: Under normal consumer use, this product would not constitute a hazardous product under US OSHA Hazard Communication.

<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	1-5%	7.06 g/kg (rat oral)
Disodium 4,4'-bis(2-sulfostyryl) biphenyl	27344-41-8	N/A	N/A	1-5%	N/A

SECTION III - HAZARDS IDENTIFICATION**Health Hazards (Acute and Chronic):**

Ingestion: Mild gastrointestinal irritation.

Eye Contact: Slight eye irritant

Skin Contact: Slight skin irritant

Inhalation: N/A

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 depending on exposure.

Inhalation: N/A

SECTION IV - FIRST AID INFORMATION**First Aid Procedures:**

Ingestion: Dilute by drinking 1-2 glasses of water. Do NOT induce vomiting. If symptoms persist, consult a physician.

Eye Contact: Flush eyes thoroughly with lukewarm water for 15 minutes. If irritation persists, consult a physician.

Skin Contact: Rinse affected area with water for 15 minutes. If irritation persists, consult a physician.

Inhalation: N/A

Note to Physician: (if applicable)

Other: Consumer product package has the following precautionary statement: "Do not use this product on children's sleepwear or garments labeled as flame resistant as it may reduce flame resistance."

SECTION V - FIRE FIGHTING INFORMATION

Flash Point (Method Used): >82°C / >181°F (ASTM D93; Pensky-Martens Closed Cup)

Flammable Properties:

Upper Flammable Limit: N/K

Lower Flammable Limit: N/K

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

Auto-ignition Temperature: N/A

Hazardous Combustion Products: None known.

Explosion Data (Sensitivity to Mechanical Impact): N/A

Explosion Data (Sensitivity to Static Discharge): N/A

Extinguishing Media:

Suitable: Use CO₂, water, or dry chemical

Unsuitable: N/K

Protection of Firefighters:

Specific Hazards Arising from the Material: None known.

Protective Equipment and Precautions for Firefighters: Standard fire fighting procedures/gear.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: None required.

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Do not landfill.

Methods for Containment: Use water spray to dilute and/or wash away spills. Sorbents may be used if needed.

Methods for Cleanup: Use water spray to dilute and/or wash away. Do not landfill. Dispose of in accordance with all federal, state/provincial and local regulations.

Other Information: (if applicable)

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken in Handling: None known.

Precautions To Be Taken in Storage: Store in original container in cool, dry place with adequate ventilation.

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Guidelines: N/A

Engineering Controls: N/A

Personal Protective Equipment (PPE):

Eye/Face Protection: None required for normal consumer use.

Skin Protection: None required for normal consumer use.

Respiratory Protection: None required for normal consumer use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (color, physical form, shape): Blue liquid

Flash Point (Method Used): >82°C / >181°F (ASTM D93; Pensky-Martens Closed Cup)

Odor: Various scents

Reserve Alkalinity: 0.004

Odor Threshold: N/A

Solubility in Water: Completely soluble

Physical State: liquid

Decomposition Temperature: N/K

Vapor Pressure (mm Hg): N/A

Evaporation Rate (nBuOAc=1): N/K

Vapor Density (Air=1): N/A

Specific Gravity/Density: N/K

Boiling Point: 84.4°C – 90°C / 184°F – 194°F

Melting/Freezing Point: ~-9.4°C / ~-1.5°F

Partition Coefficient (n-octanol/water): N/A

pH (1% solution): 3.7

SECTION X - STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

The product is practically nontoxic. If ingested, it may be mildly irritating, but is not corrosive.
 LD50 (rats oral): >2000mg/kg

SECTION XII - ECOLOGICAL INFORMATION

The product is intended for wide dispersive use and is compatible with the down-the-drain disposal route, including septic tanks and municipal wastewater treatment processes. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment at relevant environmental concentrations. The softening agents used in the product are biodegradable.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Products covered by this MSDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

Transportation Information – Products covered by this MSDS are not regulated for transportation.
 For finished packaged product transported by **ground (DOT)** - not regulated
 For finished packaged product transported by **sea (IMDG)** - not regulated
 For finished packaged product transported by **air (IATA)** - not regulated

SECTION XV - ADDITIONAL REGULATORY INFORMATION

Product is not considered hazardous as defined by OSHA (29 CFR 1910.1200(d)).
SARA listed chemicals: This product does not contain any chemicals subject to the reporting requirements of SARA 313/302/304/311/312.
CERCLA listed chemicals: This product contains the following CERCLA chemicals:

Chemical Name	CAS Number	Max Range in Product (%)
Ethanol	64-17-5	2.5%
Hydrochloric acid	7647-01-0	<1.0%
Ammonium chloride	12125-02-9	<1.0%

This product is not subject to warning labeling under California Proposition 65.
 Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.
 All intentionally-added components of this product are listed on the US TSCA Inventory.
 All ingredients are CEPA approved for import to Canada by Procter & Gamble
 This product has been classified in accordance with the hazard criteria of the Canadian *Controlled Products Regulations* and the MSDS contains all information required by the *Controlled Products Regulations*.

SECTION XVI - OTHER INFORMATION

Hazard Rating: Health: 1 4 = EXTREME
 Flammability: 1 3 = HIGH
 Reactivity: 0 2 = MODERATE
 1 = SLIGHT
 0 = NOT SIGNIFICANT

*N/A. - Not Applicable *N/K. - Not Known

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.

