



The Procter & Gamble Company
P&G Household Care
Fabric & Home Care Innovation Center
5299 Spring Grove Avenue
Cincinnati, OH 45217-1087

MATERIAL SAFETY DATA SHEET

MSDS #: FH/C/2007/MHMT-6X5Q7Q
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SECTION I - PRODUCT IDENTIFICATION

Identity: LIQUID FABRIC SOFTENER

Finished Product

Brands: P&G PROLINE DOWNY

P&G Telephone Number: 1-888-4PG-PROLINE (1-888-474-7765)

or call Local Poison Control Center or your physician.

Emergency (24 hour) Telephone Number: CHEMTREC 1-800-424-9300 U.S. and Canada,
or 1-703-527-3887 - for calls originating elsewhere.

SECTION II - HAZARDS IDENTIFICATION

Potential Health Hazards (Acute and Chronic): (See Section 11 for more information)

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

Medical Conditions Generally Known to be Aggravated by Exposure: N/K

Potential Environmental Effects: (See Section 12 for more information)

SECTION III - COMPOSITION AND INGREDIENTS

Ingredients: Water (7732-18-5), Calcium Chloride (CAS# 10043-52-4), Ethanol (CAS#64-17-5), and other proprietary ingredients.

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>
Ethanol	Alcohol	64-17-5	1-5%	7.06 g/kg (rat oral)
Disodium 4,4'-bis(2-sulfostyryl) biphenyl	Disodium 4,4'-bis(2-sulfostyryl) biphenyl	27344-41-8	1-5%	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: Product package has the following precautionary statement:

FRONT PANEL: KEEP OUT OF REACH OF CHILDREN. CAUTION: MAY CAUSE EYE IRRITATION. (SEE BACK PANEL FOR OTHER PRECAUTIONS).

BACK PANEL: WARNING: Some cotton-containing fluffier fabrics, including fleece and terry-cloth, are more flammable than other fabrics. By increasing fluffiness, using liquid fabric softeners can increase the flammability of these types of products. Therefore, do not use this product on clothing made with these types of fluffier fabrics.

WARNING: Downy is not for use on children's sleepwear or other garments labeled as flame resistant, as it may reduce flame resistance.

WARNING: CHILDREN CAN FALL INTO BUCKET AND DROWN. KEEP CHILDREN AWAY FROM BUCKET WITH EVEN A SMALL AMOUNT OF WATER.

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: None known.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Engineering Controls:

Personal Protective Equipment (PPE):

Eye/Face Protection: If a splash of solution is likely, chemical goggles may be needed.

Skin Protection: Minimize skin contact with protective gloves (rubber or neoprene).

Respiratory Protection: None required with normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (color, physical form, shape): White opaque liquid	Flash Point (Method Used): >82°C / >181°F (ASTM D93; Pensky-Martens Closed Cup)
Odor: Not perfumed	Solubility in Water: Completely soluble
Odor Threshold: N/A	Decomposition Temperature: N/K
Physical State: Liquid	Evaporation Rate (nBuOAc=1): N/K
Vapor Pressure (mm Hg): N/A	Specific Gravity/Density: N/K
Vapor Density (Air=1): N/A	Melting/Freezing Point: ~9.4°C / ~1.5°F
Boiling Point: 84.4°C – 90°C / 184°F – 194°F	Reserve Alkalinity: 0.004
Partition Coefficient (n-octanol/water): N/A	pH (1% solution): 3.7
Volatile Organic Compound (VOC): Not applicable - Product not regulated for VOC Content at State or Federal level.	

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

Chronic Effects: No chronic health effects reported.
Target Organs: No target organs reported.
Carcinogenicity: This finished consumer product is not carcinogenic.
NTP: No
IARC: No

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.

Non-Household Setting (federal): 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).

Non-Household Setting (California): California Waste Code 331

SECTION XIV - TRANSPORT INFORMATION

Ground Transport (US DOT): Not regulated

Air Transport (IATA): Not regulated

Marine/Water Transport (IMDG): Not regulated

SECTION XV - REGULATORY INFORMATION

UNITED STATES - FEDERAL

All intentionally-added components of this product are listed on the US TSCA Inventory.

EPA Registration Number: Not Applicable

SARA chemicals: This product contains the following SARA 313/302/304/311/312 chemicals:
NONE

STATES:

This product is not subject to warning labeling under California Proposition 65.

California Registration Number: Not Applicable.

State Right-to-Know and CERCLA:

The following ingredients present in the finished product are listed on state right-to-know lists or state worker exposure lists:

Ingredient	CAS#	Level	State						CERCLA RQ
			CA	CT	IL	IN	KY	LA	
Ethanol	64-17-5	1-5%	MA	MN	NJ	NC	PA	RI	100 lbs.

SECTION XVI - OTHER INFORMATION

P&G Hazard Rating:	Health: 1	4=EXTREME
	Flammability: 2	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.

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.