



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 #: RQ1003009
RQ0812553

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SECTION I - PRODUCT IDENTIFICATION

Identity: LIQUID FABRIC SOFTENER FINISHED PRODUCT
Brands: LIQUID DOWNY NON-CONCENTRATED (ALL SCENTS: APRIL FRESH, CLEAN BREEZE, SOFT OCEAN MIST, TROPICAL CLEAN)
P&G Telephone Number: 1-800-688-7638 or call Local Poison Control Center or your physician.

SECTION II - HAZARDS IDENTIFICATION

Potential Health Hazards (Acute and Chronic): (See Section 11 for more information)
Ingestion: Mild gastrointestinal irritation.
Eye Contact: Transient, slight eye irritation.
Skin Contact: N/A
Inhalation: N/A
Signs and Symptoms of Exposure:
Ingestion: Oral ingestion may result in gastrointestinal irritation with nausea, vomiting and/or diarrhea.
Eye Contact: Eye contact with product may result in transient, slight irritation.
Skin Contact: N/A
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

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

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Ethanol	Ethanol	64-17-5	1 – 5%	7.06 g/kg (rat; oral)

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: Discontinue use and apply a cold compress to relieve irritation. 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. Do not use on garments made with fluffier fabrics containing cotton (such as fleece and terry cloth) as it may increase the flammability of these fabrics.”

SECTION V - FIRE FIGHTING INFORMATION

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

This mixture does not sustain combustion. This mixture is an aqueous solution of alcohol (<24%) with >50% water content.

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: N/K

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: N/K

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

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: None required.

Environmental Precautions: DISPOSAL SHOULD BE IN ACCORDANCE WITH 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: N/K

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

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) This mixture does not sustain combustion. This mixture is an aqueous solution of alcohol (<24%) with >50% water content.
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: 1.0
Boiling Point: 84.4°C – 90°C / 184°F – 194°F	Melting/Freezing Point: 9.4°C / 15°F
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: N/K
Incompatible Materials: N/K
Hazardous Decomposition Products: N/K
Possibility of Hazardous Reactions: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

Downy is practically non-toxic. If ingested, slight gastric irritation may result.

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*

* NTP and IARC information confirmed via Ariel.

SECTION XII - ECOLOGICAL INFORMATION

This product is intended for wide dispersive use and is compatible with 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 ACCORDANCE WITH 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). Disposal should be in accordance with local, state and federal regulations.

Non-Household Setting (California): California Waste Code: N/A

Household Use: Consumer produced household solutions may be disposed of down the drain with running water. Consumer may discard empty container in trash, or recycle where facilities exist.

SECTION XIV - TRANSPORT INFORMATION

Products covered by this MSDS, in their original form, are not regulated for transportation.

Ground Transport (US DOT): Not regulated.

Air Transport (IATA): Not regulated.

Marine/Water Transport (IMDG): Not regulated.

SECTION XV - REGULATORY INFORMATION

While the finished product is not considered hazardous as defined by OSHA in 29 CFR 1910.1200(d), this MSDS contains valuable information critical to the safe handling and proper use of the product.

United States

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

EPA Registration Number: Not Applicable

SARA 313/302/304/311/312 chemicals: None

California: This product has been evaluated and does not require 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	CERCLA RQ	State				
				IL	MA	NJ	PA	RI
Ethanol	64-17-5	1-5%	100 lbs	X	X	X	X	X
Formic Acid	64-18-6	0-1%	5000 lbs	X	X	X	X	X

Canada

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 (CPR) and this MSDS contains all information required by the Controlled Products Regulations.

SECTION XVI - OTHER INFORMATION

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

P&G 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.

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.