



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

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SECTION I - CHEMICAL PRODUCT

Identity: **LIQUID FABRIC SOFTENER**

Brands: **LIQUID GAIN NON-CONCENTRATE – ALL SCENT VARIATIONS**

P&G Telephone Number: 1-800-682-1523 or call Local Poison Control Center or your physician.

SECTION II - COMPOSITION AND INGREDIENTS

Contains biodegradable fabric softening agents (cationic).

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</u> <u>Range</u>	<u>LD50/LC50</u>
Ethanol	Ethanol	64-17-5	0 – 5%	7.06 g/kg (rat; oral)

SECTION III - 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: None known.

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

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 other 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 OR 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 or 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): Green, liquid

Odor: Various scents.

Odor Threshold: N/A

Physical State: Liquid

Vapor Pressure (mm Hg): N/A

Vapor Density (Air=1): N/A

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

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

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

Reserve Alkalinity: 0.024

Solubility in Water: Completely soluble.

Decomposition Temperature: N/K

Evaporation Rate (nBuOAc=1): N/K

Specific Gravity/Density: ~1.0

Melting/Freezing Point: ~-9.4°C / ~15°F

pH (1% solution): 3.0 – 4.0

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

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

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 COMPLIANCE WITH FEDERAL, STATE OR PROVINCIAL AND LOCAL REGULATIONS.
Household Use: Household use (small) quantities can be disposed of down-the-drain with excess water. Do not landfill.
Industrial Setting: Large quantities can be disposed of by incineration. Small, household use quantities can be flushed down sewer with excess water or disposed as liquid scrap. Do not landfill.

SECTION XIV - TRANSPORT INFORMATION

Ground Transport (DOT): Non-hazardous
 Air Transport (IATA): Non-hazardous
 Marine/Water Transport (IMDG): Non-hazardous

SECTION XV - ADDITIONAL REGULATORY INFORMATION

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

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.

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.