



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/F/2006/SFSM-6RMRRM  
Supersedes: FH/F/2006/SFSM-6MGR2X

Issue Date: 7/19/06  
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### SECTION I - CHEMICAL PRODUCT

Identity: **LIQUID FABRIC SOFTENER**

Brands: **LIQUID GAIN ULTRA – ALL SCENT VARIATIONS**

P&G Telephone Number: 1-800-688-SOFT (7638)  
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	1 – 5%	N/A

**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 CO<sub>2</sub>, 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):** Various colors.

**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.

