



## MATERIAL SAFETY DATA SHEET

MSDS / CT#    FH/H/2007/LHLA-6ZHM2R  
                  FH/H/2006/SDSM-6QMNQV  
                  FH/H/2006/LHLA-6N3NZP  
                  FH/H/2005/LHLA-6DMMS2

Issue Date: 04/13/07

### SECTION I - CHEMICAL PRODUCT

Identity: **Liquid Laundry Detergent**

Brands: **GAIN**

**(All Non 2X Variations for Retail\*)**

Gain Orig. Scent, Gain Gentle Breeze, Gain Island Fresh, Gain Whitewater Fresh, Gain Fresh Awakenings,

Gain with Bleach Alternative, Gain Joyful Expressions Apple Mango Tango,  
Gain Joyful Expressions Gardenia Delight, Gain Joyful Expressions Mandarin Lime Fusion,  
Gain Joyful Expressions Honeysuckle Guava Groove, Gain High Efficiency Orig. Scent,  
Gain High Efficiency Island Fresh, Gain Plus A Touch of Softness Simply Fresh,  
Gain Plus A Touch of Softness Cotton Fresh

Emergency Telephone Number: 1-800-888-4246 or call Local Poison Control Center

\* **This MSDS applies to** all uses/handling of these products in a retail package for consumer home use.

### SECTION II - HAZARDS IDENTIFICATION

#### Health Hazards (Acute and Chronic):

Ingestion:        May cause transient gastrointestinal irritation.  
Eye Contact:     Contact may cause mild, transient irritation.  
Skin:             Prolonged/repeated contact may cause irritation.  
Inhalation:       None.

#### Signs and Symptoms of Exposure:

Ingestion:        May result in nausea, vomiting, and/or diarrhea.  
Eye Contact:     May cause stinging, tearing, itching, swelling, and/or redness.  
Skin:             Prolonged contact with concentrated material may be drying or transiently irritating to skin.  
Inhalation:       None.

**SECTION III - COMPOSITION AND INGREDIENTS**

Ingredients/Chemical Name: Biodegradable surfactants (anionic and nonionic) and enzymes.  
Biodegradable surfactants (anionic, nonionic, and cationic) and enzymes.

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Recommended Limits</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Ethyl alcohol	Ethanol	64-17-5	ACGIH TWA: 1880 mg/m <sup>3</sup> OSHA PEL & TWA: 1900 mg/m <sup>3</sup>	0.5-5%	7.06 g/kg (oral, rat)
Sodium borate	Borax	1330-43-4	ACGIH TWA: 5mg/m <sup>3</sup>	0.5 – 5%	NA
2-Aminoethanol	Ethanolamine	141-43-5	ACGIH TWA: 7.5 mg/m <sup>3</sup> ACGIH STEL: 15 mg/m <sup>3</sup> OSHA PEL: 6 mg/m <sup>3</sup> OSHA TWA: 8 mg/m <sup>3</sup> OSHA STEL: 15 mg/m <sup>3</sup>	1 – 5%	1.7g/kg (oral, rat)

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

Ingestion: Drink a glassful of water.  
Eye Contact: Flush eyes with water for 10 to 15 minutes.  
Skin: If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes.

If symptoms persist or reoccur, seek medical attention.

**Other:** Consumer product package has a caution statement: "CAUTION: Eye irritant. Harmful if swallowed. KEEP OUT OF REACH OF CHILDREN. If swallowed, give a glassful of water. Call a physician. In case of eye contact, flush with water."

**SECTION V - FIRE FIGHTING INFORMATION**

**Flash Point (Method Used):** >200°F PM CC      **Explosive Limits:**      *LEL:* N/A      *UEL:* N/A

**Extinguishing Media:** CO<sub>2</sub>, water

**Special Fire Fighting Procedures:** None.

**Unusual Fire Hazards:** None. This product has a flash point above 200°F. It is an aqueous solution containing ethyl alcohol and it does not sustain combustion.

**Stability**      *Unstable:*      *Conditions to Avoid:* None  
*Stable:* X

**Incompatibility (Materials to Avoid):** None known

**Hazardous Decomposition/By Products:** None known

**Hazardous Polymerization:**      *May Occur:*      *Conditions to Avoid:* None  
*Will Not Occur:* X



**SECTION XI - TOXICOLOGICAL INFORMATION**

Liquid Gain formulas have a low order of toxicity. If ingested, it may be mildly irritating. It is expected to be moderately emetic.

LD50 (oral, estimated): > 2g/kg

ED50 (emesis, estimated): ~ 0.5 g/kg

Chronic Effects: No chronic health effects reported.

Target Organs: No target organs reported.

Carcinogenicity: NTP: No

IARC: No

OSHA: No

**SECTION XII - ECOLOGICAL INFORMATION**

Based on ecotoxicity and fate data for the individual ingredients in this specific formulation and for related consumer household cleaning product formulations, it is expected that this product would exhibit a non-hazardous order of toxicity at relevant environmental concentrations.

**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: For non household use/larger quantities, incineration is preferred. Do not landfill.

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

**SECTION XIV - TRANSPORT INFORMATION**

U.S. D.O.T.

Ground Transport: These products are not regulated when transported by ground.

IATA: These products are not regulated when transported by air.

IMDG: These products are not regulated when transported by vessel.

**SECTION XV - ADDITIONAL REGULATORY INFORMATION**

**United States**

All intentionally-added components of these products are listed on the US TSCA Inventory. These products are not subject to warning labeling under California Proposition 65.

**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 these products covered by this MSDS comply with appropriate IFRA guidance.

P&G Hazard Rating: 1	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.

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