

SAFETY DATA SHEETS

This SDS packet was issued with item:

072118305

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

070575241 072118271 072118396 072120137 072120160 072120657 072120715 072120772 072121267 072121291

MS329680

COE TRAY PLASTIC REGULAR - LIQUID
MATERIAL SAFETY DATA SHEET

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SECTION 1 - SOURCE/IDENTITY/USE INFORMATION**MANUFACTURER**

GC AMERICA INC.

3737 West 127th St.

Alsip, Illinois, 60803

Telephone: 708-597-0900

Hours Mon.-Fri: 8:00 a.m.-5:00 p.m. C.S.T.

Transportation Emergency No. 800-424-9300

COMMON NAME: COE TRAY PLASTIC REGULAR - LIQUID**CHEMICAL NAME:** N.A.**PRODUCT USE:** Repair dentures - liquid component

The following information is provided with regard to the toxicity and hazards of the pure components present in this portion of the unmixed powder/liquid system.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Methyl Methacrylate	80-62-6	TWA=100ppm (ACGIH)	LD50=7.9g/kg (oral rat) LC50=3750 ppm/4hr.	60-100

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**BOILING POINT:** 98°C**VAPOR PRESSURE:** 50 @86°C**VAPOR DENSITY:** 3.5**SOLUBILITY IN WATER:** Insoluble**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.**SPECIFIC GRAVITY (H₂O = 1):** 0.940**MELTING POINT:** N.A.**EVAPORATION RATE (Butyl Acetate=1):** Equal**ODOR THRESHOLD:** <1 ppm methyl methacrylate**APPEARANCE AND ODOR:** Clear liquid, unpleasant odor.**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** 11°C**FLAMMABLE LIMITS:** N.E.**EXTINGUISHING MEDIA:** Alcohol foam, dry chemical, carbon dioxide**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self contained breathing apparatus with full protective equipment.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** When heated above the flashpoint: emits vapors, which when mixed with air, can burn or be explosive. Fine mists on sprays may be flammable at temperatures below the flash point. Sealed containers exposed to elevated temperatures may rupture explosively due to polymerization. Vapors are heavier than air and may travel to ignition source.**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, carbon monoxide, smoke**SECTION 5 - REACTIVITY DATA****STABILITY:**Stable ☐Unstable ☒**POLYMERIZATION:** Will Not Occur ☐Will Occur ☒**CONDITIONS TO AVOID:** Heat and ignition sources**INCOMPATIBILITY (MATERIALS TO AVOID):** Reducing and oxidizing agents. Material has strong solvent properties and can soften paint or rubber.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon monoxide, carbon dioxide**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION**

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER	X							

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SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continuedROUTES OF ENTRY: Inhalation ☒ Skin ☒ Ingestion ☒**HEALTH HAZARD (Acute and Chronic):**

INHALATION: May cause nose and throat irritation. May cause nervous system depression. Reports have associated repeated and prolonged overexposure to brain damage and nervous system damage. May cause irritation or burning of mucous membranes.

INGESTION: May cause abnormal liver and kidney function

SKIN: May cause irritation or burning of skin. Repeated exposure may cause skin burns and allergic reactions.

EYES: May cause irritation or burning of eyes.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Progressive steps of inhalation overexposure: headache, dizziness, nausea, staggering gait, confusion, unconsciousness.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

INGESTION: Do not induce vomiting. Give one or two glasses of water and seek medical attention.

SKIN: Wash with soap and water. Wash clothes prior to reuse.

EYES: Immediately flush eyes with water. Seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Eliminate source of ignition. Wear skin, eye, and respiratory protection. Contain spill and keep out of sewers. Use absorbent to soak up liquid. Use non-sparking equipment and shovel into waste container.

WASTE DISPOSAL METHOD: Material is a hazardous waste, No. U162. Dispose of waste in facility permitted for hazardous waste in accordance with local, state and federal regulations.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Keep away from heat, sparks, flame, direct sunlight and elevated temperatures.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Reduce exposure in accordance with safe hygiene practice. If exposure limits are exceeded, use a MSHA-NIOSH approved respirator for organic vapors.

VENTILATION: Local Exhaust: Yes Mechanical: N.A. Special: N.A. Other: N.A.

PROTECTIVE GLOVES: Disposable vinyl gloves

EYE PROTECTION: Chemical goggles and full face protection if necessary.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash station

WORK/HYGIENIC PRACTICE: Follow routine safe hygiene practices.

SECTION 9- PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910.1200 and W.H.M.I.S. CPR

DATE: 01 March 2006

REVIEWED: 21 February 2012

REVISED: 16 November 2012

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

The information herein is given in good faith but no warranty expressed or implied is made.

FIRE – 3**TOXICITY – 2****NFPA
REACTIVITY – 2****SPECIAL**



MATERIAL SAFETY DATA SHEET

MSDS: RQ1004013
RQ1004015
RQ1004017
RQ1008778
RQ1211127
RQ1400356

Issue Date: 02/05/2014

SECTION I - PRODUCT IDENTIFICATION

Identity: **Liquid Laundry Detergent** (All 2X Concentrated Variations for Retail*)

This MSDS applies to the following Liquid 2X Gain Ultra Detergent Brands:

Gain (Original, Lavender, Original Clean Boost, Apple Mango Tango,
Gain (Original Fresh, Island Fresh, Fresh Awakenings, Floral Fusion, Spring Lavender, Ocean Escape)
Gain w/Bleach Alternative (Outdoor Sunshine, Dazzle & Shine)
Gain Joyful Expressions (Apple Mango Tango, Mandarin Lime Fusion)
Gain with Baking Soda (Fresh Water Sparkle)
Gain with OxiBooster (Icy Fresh Fizz)
Gain with Febreze Freshness (Hawaiian Aloha, Thai Dragon Fruit)
Gain Touch of Softness (Simply Fresh, Cotton Fresh)

High Efficiency Variants:

Gain HE (Original Scent, Original Fresh, Spring Lavender, Island Fresh)
Gain Joyful Expressions HE (Apple Mango Tango)
Gain with Febreeze Freshness HE (Thai Dragon Fruit)

Emergency Telephone Number: 24hr P&G Operator – 1-800-879-8433

* **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: May cause mild, transient irritation.
Inhalation: Transient irritation with prolonged exposure to concentrated material.

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.

SECTION III - COMPOSITION AND INGREDIENTS

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

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

Common Name	Chemical Name	CAS No.	Composition Range	LD50
Ethanol	Ethyl alcohol	64-17-5	1 - 5%	7.06 g/kg (oral, rat)
Ethanolamine	2-Aminoethanol	141-43-5	1 - 5%	1.7g/kg (oral, rat)
Anionic Surfactants	Alcohol Ethoxysulfate, sodium salt	68585-34-2	10-30% total anionic surfactant	>2g/kg (oral, rat)
	Alcohol Sulfates, sodium salts	68585-47-7		>2000 mg/kg (oral, rat)
	Benzene sulfonic acid, sodium salt	68081-81-2		438 mg/kg (oral, rat) 1330 mg/kg (oral, mouse)
	Benzene sulfonic acid, monoethanolamine salt	68910-32-7		not available
Nonionic Surfactants	Alcohol ethoxylate	68439-49-6	1-5% total nonionic surfactant	5300 mg/kg (oral, rat)

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

Ingestion: Drink a glassful of water.
 Eye Contact: Flush 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

Flammable Properties: These products have a flashpoint of $\geq 150^{\circ}\text{F}$ and they do not sustain combustion per D.O.T. 49 CFR 173 Appendix H method.

Explosive Limits: LEL: N/A UEL: N/A
Autoignition Temperature: N/A

Suitable Extinguishing Media: CO₂, water, foam, dry chemical.

Unsuitable Extinguishing Media: Not known.

Protection of Fire Fighters:

- **Specific Hazards arising from the chemical mixture:** Not known.
- **Protective Equipment and Precautions for Firefighters:** Standard self-contained breathing apparatus (SCBA) and full fire fighting turn-out gear (Bunker gear).

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: None

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL REGULATIONS. Small or household quantities may be disposed of in refuse or in sewer. First check with your local water treatment plant. For larger quantities, incineration is preferred. Do not landfill.

Steps To Be Taken in Case Material is Released or Spilled: Flush small or household quantities down acceptable sewer (contains biodegradable surfactants). Prevent spills from reaching a waterway. Sorbents may be used.

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken in Handling and Storing: No unusual precautions necessary.

Other Precautions: None

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection (Specify Type): None required with normal use.

Ventilation *Local Exhaust:* None required with normal consumer use. *Special:* None

Mechanical (General): Normal/general dilution ventilation is acceptable. *Other:* None

Eye Protection: None required with normal consumer use.

Industrial Setting: If a splash is likely, chemical goggles may be needed.

Protective Gloves: None required with normal use.

Industrial Setting: Protective gloves (rubber, neoprene) should be used for prolonged direct contact.

Other Protective Equipment: None required with normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: All Liquid 2X Gain Detergents are green except Free products which are amber.

Flash Point: $\geq 150^{\circ}\text{F}$; these products do not sustain combustion per DOT 49 CFR 173 Appendix H method)

Odor: All products contain perfume/fragrance except Free versions which do not contain any perfume.

Evaporation Rate (nBuOAc=1): Not known

Odor Threshold: Not known.

Explosive Limits: *LEL:* N/A *UEL:* N/A

Physical State: Liquid.

Percent Volatile by Volume (%): 30 – 40

Vapor Pressure Range (mm Hg): 18 - 21 @ 68°F . (20°C) (mostly water)

Specific Gravity (H₂O=1): 1.04 to 1.09

Vapor Density (Air=1): Not known

Melting/Freezing Point: N/A

Boiling Point Range °F: 210 - 216° F (98.9 – 102°C)

pH (10% solution): 8.1 to 8.6

Coefficient of Water/Oil Distribution: N/A

Reserve Alkalinity: N/A

Solubility in Water: Completely soluble.

SECTION X - STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: None known.

Materials to Avoid: None known.

Hazardous Decomposition Products: None known.

Possibility of Hazardous Reactions: None known.

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 these mixtures, and for related consumer household cleaning product formulations, it is expected that these mixtures would exhibit a non-hazardous order of toxicity at relevant environmental concentrations.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: 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 all Federal, state/provincial and local regulations.

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

US DOT: 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 - REGULATORY INFORMATION**United States**

All intentionally-added components of these products are listed on the US TSCA Inventory.

EPA Registration Number: NA

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

California: These products have been evaluated and do not require warning labeling under California Proposition 65.

California Hazardous Waste: Yes

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
Ethanolamine	141-43-5	1-5%	NA		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 these products covered by this MSDS comply with appropriate IFRA guidance.

P&G Hazard Rating:

Health: 2

Flammability: 1

Reactivity: 0

4=EXTREME

3=HIGH

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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