



### MATERIAL SAFETY DATA SHEET

MSDS #: RQ0701772  
2007

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#### SECTION I - CHEMICAL PRODUCT

Identity: **Liquid Surface Sanitizing Cleaner**

Brands: **Comet Disinfecting Bathroom Cleaner (Professional Line)**

P&G Telephone Number: 1-800-332-7787 or call Local Poison Control Center or your physician.

Emergency (24 hour) Telephone Number: CHEMTREC 1-800-424-9300

#### SECTION II - HAZARDS IDENTIFICATION

**Potential Health Hazards (Acute and Chronic):** (See Section 11 for more information)

Ingestions: Mild mucous membrane irritant. May result in gastrointestinal irritation with nausea, vomiting and diarrhea.

Eye Contact: Mild eye irritant.

Inhalation: Mild respiratory irritant.

Skin: Mild skin irritant. Use on irritated or extremely dry skin may aggravate the existing condition.

**Signs and Symptoms of Exposure:**

Ingestion: May cause transient gastrointestinal irritation including nausea, vomiting and diarrhea. When diluted according to label directions, these signs and symptoms may still be present but to a lesser extent.

Eye Contact: May cause stinging, tearing, burning, swelling and/or redness. When diluted according to label directions, these signs and symptoms may still be present but to a lesser extent.

Skin Contact: Prolonged contact may be drying or transiently irritating to skin. When diluted according to label directions, these signs and symptoms may still be present but to a lesser extent.

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

Ingredients/Chemical Name: Cleaning agents (dipropylene glycol butyl ether, citric acid), quality control agents, perfume and water.

The concentrated mixture, when tested as a whole, is considered an eye irritant within the meaning of the OSHA Hazard Communication Standard.

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>
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None				
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**SECTION IV – FIRST AID INFORMATION**

**First Aid Procedures:**

Ingestion: Drink 1-2 glasses of water and call a Poison Control Center or doctor (product contains an alcohol ethoxylate). Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Have the product container or label with you when calling or going for treatment

Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

Skin: Thoroughly wash exposed area with soap and water and discontinue use. Remove contaminated clothing.

Inhalation:

**Note to Physician:** (if applicable)

**Other:** Product package has a precautionary statement: CAUTION: KEEP OUT OF REACH OF CHILDREN. Causes eye irritation. Avoid contact with eyes. May be harmful if swallowed. Do not mix with bleach or mildew stain removers as irritating fumes may result.

**SECTION V - FIRE FIGHTING INFORMATION**

**Flash Point (Method Used):** >200°F CC (>93.33c)

**Flammable Properties:** N/A

Upper Flammable Limit: N/A

Lower Flammable Limit: N/A

**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 CO<sub>2</sub>, water, dry chemical or 'alcohol' foam.

Unsuitable: None known

**Protection of Firefighters:**

Specific Hazards Arising from the Material: None known

Protective Equipment and Precautions for Firefighters: Normal firefighting gear. Use water to keep fire exposed container cool.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** None

**Environmental Precautions:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Do not landfill. Small quantities may be disposed of via sewer.

**Methods for Containment:** Prevent spills from reaching waterways.

**Methods for Cleanup:** Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak.

**Other Information:** (if applicable)

**SECTION VII – HANDLING AND STORAGE**

**Precautions To Be Taken in Handling:** Handling and storage must be well ventilated, cool and dry. Materials must be isolated from potential sources of ignition. Fire fighting equipment must be available at all times

**Precautions To Be Taken in Storage:** Store in a cool place. Keep away from heat/sparks and open flame. Discard empty bottle in trash.

#### SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

**Exposure Guidelines:** N/A

**Engineering Controls:** N/A

**Personal Protective Equipment (PPE):**

Eye/Face Protection: None required with normal use.

*Manufacturing:* For splash protection, use chemical goggles. Eye wash fountain is desirable.

Skin Protection: None required with normal use.

Respiratory Protection: None required with normal use.

#### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance (color, physical form, shape):** clear liquid      **Flash Point (Method Used):** >200F CC (>93.33c)

**Odor:** Perfumed

**Reserve Alkalinity:** N/A

**Odor Threshold:** N/A

**Solubility in Water:** Completely

**Physical State:** Liquid

**Decomposition Temperature:** N/A

**Vapor Pressure (mm Hg):** N/A

**Evaporation Rate (nBuOAc=1):** N/A

**Vapor Density (Air=1):** N/A

**Specific Gravity/Density:** 1.030-1.045

**Boiling Point:** N/A

**Melting/Freezing Point:** ~30°F

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

**pH (neat solution):** 2.8-3.2

**Volatile Organic Compound (VOC):** Product complies with State and Federal regulations for VOC content.

#### SECTION X - STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** None

**Incompatible Materials:** Do not mix with bleach or mildew stain removers as irritating fumes may result.

**Hazardous Decomposition Products:** None known

**Possibility of Hazardous Reactions:** None known

#### SECTION XI - TOXICOLOGICAL INFORMATION

**Chronic Effects:** No chronic health effects reported.

**Target Organs:** No target organs reported.

**Carcinogenicity:** NTP: No

IARC: No

#### SECTION XII - ECOLOGICAL INFORMATION

Based on ecotoxicity and fate data for the individual ingredients in this specific formulation this product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment at relevant environmental concentrations. The surfactant(s) used in the formulation biodegrade rapidly and do not accumulate in the environment. This product is intended for dispersive use and should not be disposed of directly into the environment.

### SECTION XIII - DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. DO NOT LANDFILL. Prevent spills from reaching waterways.

*Non-Household Setting (US Federal):* Industrial disposal of product in finished, consumer-ready packaging must be disposed of as an organic pesticide. Records must be kept of the disposal that documents the method of disposal, the date of disposal, the location of the disposal site, the type of pesticide disposed of (organic pesticide), and the amount of pesticide disposed of. Disposal records must be retained for 20 years. Incineration is preferred where permitted. Product removed from finished, consumer-ready packaging may be disposed of as non-pesticidal, liquid waste which is non-hazardous waste according to Federal RCRA regulations (40 CFR 261).

*Non-Household Setting (California):* Hazardous, in accordance with 22 CCR 66261.20 through 22 CCR 66261.24

### SECTION XIV - TRANSPORT INFORMATION

Products covered by this MSDS, in their original form, are regulated for transportation.

**Ground Transport (US DOT):** Consumer Commodity ORM-D

**Air Transport (IATA):** DO NOT SHIP. Finished product packaging does not meet air transport requirements.

**Marine/Water Transport (IMDG):** UN1760, Corrosive liquid, n.o.s. (citric acid), 8, PGIII, Ltd. Qty.

### SECTION XV - REGULATORY INFORMATION

#### United States

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

EPA Registration Number: 3573-54

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: 3573- 54-ZF

#### 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
Citric Acid	77-92-9	3-7%	N/A	TX

#### 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:	0	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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