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01106

## MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 2/1/00

Issue Date: N/A

### SECTION I - CHEMICAL PRODUCT

Identity: **Liquid Disinfecting Bathroom Cleaner**

Brands: **COMET DISINFECTING BATHROOM CLEANER (Professional Line)**

Hazard Rating: 1

Health: 1

4=EXTREME

Flammability:

3=HIGH

Reactivity:

2= MODERATE

1=SLIGHT

Emergency Telephone Number: 24hr P&G Operator - 1-513-983-1100 or call Local Poison Control Center

### SECTION II - COMPOSITION AND INGREDIENTS

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

This 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.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Recommended Limits</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
None					

### SECTION III - HAZARDS IDENTIFICATION

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

Ingestion: Mild mucous membrane irritant.

Eye Contact: Mild eye irritant.

Inhalation: Mild respiratory irritant.

Skin: Mild skin irritant.

#### Signs and Symptoms of Exposure:

Ingestion: Oral ingestion may result in gastrointestinal irritation with nausea, vomiting and diarrhea.

Eye Contact: Instillation into the eye may result in transient mild to moderate irritation.

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

Inhalation: May cause mild irritation

## SECTION IV - FIRST AID INFORMATION

**Emergency and First Aid Procedures:**

- Ingestion:** Immediately drink two large glasses of water and treat symptomatically. If large amounts are ingested, call a physician.
- Eye Contact:** Immediately flush with water large amounts of water for at least 5 minutes, lifting upper and lower lids occasionally.
- Skin:** Thoroughly wash exposed area with soap and water and discontinue use. Remove contaminated clothing.
- Inhalation:** Move to open area with plenty of fresh air.

**Other:** Product package has a caution statement: CAUTION: KEEP OUT OF REACH OF CHILDREN. May cause eye irritation. In case of eye contact, flush thoroughly with water. If irritation persists, see a physician. If swallowed, drink a glass of water to dilute. Do not mix with other products especially toilet bowl cleansers and products that contain ammonia.

## SECTION V - FIRE FIGHTING INFORMATION

**Flash Point (Method Used):** over 200°F (cc)      **Explosive Limits:**      *LEL:* N/A      *UEL:* N/A

**Extinguishing Media:** CO<sub>2</sub>, water, dry chemical or "alcohol" foam

**Special Fire Fighting Procedures:** Use water to keep fire exposed container cool.

**Unusual Fire Hazards:** None known.

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

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

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

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

**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 (household) quantities may be disposed of via sewer.

**Steps To Be Taken in Case Material is Released or Spilled:** Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak.

**SECTION VII - HANDLING AND STORAGE**

**Precautions To Be Taken in Handling and Storing:** 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.

**Other Precautions:** Keep away from heat/sparks and open flame.

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

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

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

*Special:* None

*Mechanical (General):* Acceptable.

*Other:* None

**Eye Protection:** None required with normal use.

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

**Protective Gloves:** None required with normal use.

**Other Protective Equipment:** None required with normal use.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point °F:** N/A

**Specific Gravity (H<sub>2</sub>O=1):** 1.030-1.045

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

**Percent Volatile by Volume (%):** N/A

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

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

**Odor Threshold:** N/A

**Freezing Point:** N/A

**Coefficient of Water/Oil Distribution:** N/A

**pH (1% solution):** Unknown

**Scooped Density:** N/A

**Solubility in Water:** Completely

**Appearance and Odor:** Clear liquid. Product is perfumed.

**Reserve Alkalinity:** N/A

**SECTION X - STABILITY AND REACTIVITY**

**Possible Hazardous Reactions/Conditions:** None known

**Conditions to Avoid:** None

**Materials to Avoid:** None

**Hazardous Decomposition Products:** None known

**Other Recommendations:** None

**SECTION XI - TOXICOLOGICAL INFORMATION**

LD50 (rats oral):  $\geq$  5 ml/kg  
ED50: 2 ml/kg

**SECTION XII - ECOLOGICAL INFORMATION****SECTION XIII - DISPOSAL CONSIDERATIONS**

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

**SECTION XIV - TRANSPORT INFORMATION**

**DOT Classification:** The product, as sold, is classified as non-hazardous. Bulk product shipments are classified as a Class 9 Hazardous Substance with a shipping name of Environmentally hazardous substance, liquid n.o.s.

**SECTION XV - ADDITIONAL REGULATORY INFORMATION**

All components are listed on the US TSCA Inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA §5. This product is an EPA registered pesticide EPA Reg. No.# 3573-54

No components of Comet are subject to California Proposition 65.

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified with Hazard Criteria of the Canadian Control Products Regulation (CPR) and this MSDS contains all information required by the Canadian Products Regulation.

**SECTION XVI - OTHER INFORMATION**

\*N/A. - Not Applicable

\*N/K. - Not Known

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. 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.

**PROCTER & GAMBLE**  
**COMMERCIAL PRODUCTS GROUP**  
**TECHNICAL RELEASE**

**PROFESSIONAL LINE COMET BATHROOM CLEANER**

**Fact Sheet**

**Description**

Professional Line Comet Bathroom Cleaner is a non-abrasive liquid spray cleaner which safely cleans most bathroom surfaces. The product is a clear liquid with no color added and has a mild citrus fragrance.

**Ingredients**

Professional Line Comet Bathroom Cleaner contains cleaning agents (dipropylene glycol butyl ether, citric acid, cocoamidopropylhydroxysulfobetaine and a nonionic surfactant), quality control agent (sodium cumene sulfonate), perfume and water.

**Packaging**

Comet Bathroom Cleaner is packaged in 32 ounce spray bottles, 8 per case, and in 1 gallon containers, 3 per case. The 1 gallon case also includes an empty spray bottle.

**Performance**

Professional Line Comet Bathroom Cleaner penetrates and dissolves tough soap scum and hard water stains without scrubbing. The product is non-abrasive, easy to use, and safely cleans surfaces of acrylic, porcelain, fiberglass, ceramic, formica, enamel, chrome, synthetic marble and stainless steel. The recommended uses are on tubs, tiles, shower walls and doors, countertops, sinks, toilets, urinals and bathroom fixtures. The product also can deodorize the bathroom surfaces.

**Other Attributes**

Professional Line Comet Bathroom Cleaner is kosher in accordance with the requirements of the Union of Orthodox Jewish Congregations of America and carries the official © symbol designation on each package.

Comet Bathroom Cleaner contains no phosphorus, no chlorine bleach, and no abrasive materials; also, the cleaning agents in the product are biodegradable.

**Characteristics**

pH	3.0
Total Phosphorus	0.5% maximum
Specific Gravity	1.037