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Procter & Gamble  
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## MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 2/02

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### SECTION I - CHEMICAL PRODUCT

Identity: Disinfectant Cleanser

Brands: COMET Creme Disinfectant Cleanser (Professional Line)

Hazard Rating: 1

Health: 1

4=EXTREME

Flammability: 0

3=HIGH

Reactivity: 0 2= MODERATE

1=SLIGHT

Emergency Telephone Number: - 1-800-332-7787 or call Local Poison Control Center

### SECTION II - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Abrasives, sodium hypochlorite, sodium carbonate, anionic surfactant, water, perfume and colorants.

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.

Chemical Name	Common Name	CAS No.	Recommended Limits	Composition Range	LD50/LC50
Sodium carbonate	Soda ash	497-19-8	N/A	5-12%	LD50 1.86g/kg
Perlite	Perlite	93763-70-3	ACGIH TWA=10 mg/m <sup>3</sup>	5-10%	
Sodium hypochlorite	Bleach	7681-52-9	AIHA STEL 2 mg/m <sup>3</sup>	0.5% (label)	

### SECTION III - HAZARDS IDENTIFICATION

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

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

Eye Contact: Mild eye irritant.

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

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

**Skin:** Wash with soap and water and discontinue use.

**Eye Contact:** Flush with water for at least 15 minutes.

**Ingestion:** Dilute with fluids and treat symptomatically.

**Other:** Product package has a caution statement: CAUTION: KEEP OUT OF REACH OF CHILDREN. In case of eye contact, flush thoroughly with water. If irritation persists, see a physician. 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 212°F (cc)

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

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

**Special Fire Fighting Procedures:** None known

**Unusual Fire Hazards:** None known.

**Incompatibility (Materials to Avoid):** Ammonia or acid

**Hazardous Decomposition/By Products:** Chlorine gas

**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.

**Steps To Be Taken in Case Material is Released or Spilled:** Sweep up and dispose or flush with large excess of water.

**SECTION VII - HANDLING AND STORAGE**

**Precautions To Be Taken in Handling and Storing:** Avoid excessive heat (over 110°F ) when storing to prevent loss of bleaching/germicidal action.

**Other Precautions:** None required.

**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.

**Manufacturing:** 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**

<b>Boiling Point °F:</b> N/A	<b>Specific Gravity (H<sub>2</sub>O=1):</b> 1.08
<b>Vapor Pressure (mm Hg):</b> N/A	<b>Percent Volatile by Volume (%):</b> 80%
<b>Vapor Density (Air=1):</b> N/A	<b>Evaporation Rate (nBuOAc=1):</b> N/A
<b>Odor Threshold:</b> N/A	<b>Freezing Point:</b> N/A
<b>Coefficient of Water/Oil Distribution:</b> N/A	<b>pH (25% slurry):</b> 11.0-11.2
<b>Scooped Density:</b> N/A	<b>Solubility in Water:</b> Moderate
<b>Appearance and Odor:</b> Opaque green liquid. Product is perfumed.	<b>Reserve Alkalinity:</b> N/A

**SECTION X - STABILITY AND REACTIVITY**

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

**Conditions to Avoid:** None

**Materials to Avoid:** None

**Hazardous Decomposition Products:** Chlorine gas

**Other Recommendations:** None

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**SECTION XI - TOXICOLOGICAL INFORMATION**

**LD50 (rats oral):** >20g/kg

**SECTION XII - ECOLOGICAL INFORMATION**

None

**SECTION XIII - DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Product contains biodegradable surfactants. If permitted, flush down sewer drain with large excess of water or dispose of at landfill. DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

**SECTION XIV - TRANSPORT INFORMATION**

**DOT Classification:** Not regulated. Not DOT hazardous.

**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.# 3573-46

No components of Comet Creme Disinfectant Cleanser are subject to California Proposition 65.

**EPA CERCLA TITLE III**

<u>Chemical Name</u>	<u>CERCLA 304 RO (LBS)</u>	<u>311/312</u>	<u>313</u>
Sodium hypochlorite	100	no	no

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.