



## MATERIAL SAFETY DATA SHEET

MSDS #: N/A  
Supersedes: N/A

Issue Date: 3/20/06  
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### SECTION I - CHEMICAL PRODUCT

Identity: **Disinfectant Powder Cleanser**

**Finished Product**

Brands: **COMET Disinfectant Cleanser with Chlorinol (Professional Line)**

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

### SECTION II - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Bleach, cleaning agents (calcium carbonate, sodium carbonate, anionic surfactants), quality control agents, perfume, color. Comet Disinfectant Cleanser with Chlorinol contains no phosphorus.

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</u> <u>Range</u>	<u>LD50/LC50</u>
Calcium carbonate	Limestone	1317-65-3	60-88%	NA/NA

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**SECTION III - HAZARDS IDENTIFICATION****Potential Health Hazards (Acute and Chronic):** (See Section 11 for more information)

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

Eye Contact: Mild eye irritant. Direct contact with eye may result in superficial, temporary irritation similar to those produced by other household detergents.

Skin: Mild skin irritant. Prolonged skin contact or direct contact with eye may result in superficial, temporary irritation similar to those produced by other household detergents.

Inhalation: Mild respiratory irritant. Unusually high exposures may cause coughing or irritation of nose and throat.

**Signs and Symptoms of Exposure:**

Ingestion: Ingestion of larger amounts leads to emesis.

Eye Contact: Stinging and burning of eyes can occur unless flushed immediately with water.

Skin Contact: Mild irritation is possible with prolonged contact.

Inhalation: Dust irritation is possible.

Medical Conditions Generally Known to be Aggravated by Exposure: None known.

**Potential Environmental Effects:** (See Section 12 for more information)**SECTION IV – FIRST AID INFORMATION****First Aid Procedures:**

Ingestion: Dilute with fluids and treat symptomatically.

Eye Contact: For accidental eye contact, flush thoroughly with water for 15 minutes.

Skin: Wash with soap and water and discontinue use.

Inhalation: For accidental, high level inhalation, remove to fresh air. Get medical attention if coughing persists.

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

**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):** N/A

**Flammable Properties:**

Upper Flammable Limit:

Lower Flammable Limit:

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

**Auto-ignition Temperature:****Hazardous Combustion Products:****Explosion Data (Sensitivity to Mechanical Impact):****Explosion Data (Sensitivity to Static Discharge):****Extinguishing Media:**

Suitable: Use CO<sub>2</sub>, water, or dry chemical.

Unsuitable: None known.

**Protection of Firefighters:**

Specific Hazards Arising from the Material: None known.

Protective Equipment and Precautions for Firefighters: Normal firefighting gear.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Recommendation is to wear gloves for handling/cleanup, and dust masks if considerable dust is airborne.

**Environmental Precautions:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Product contains biodegradable surfactant. If permitted, flush small quantities down sewer drain with large excess of water or dispose of at landfill.

**Methods for Containment:**

**Methods for Cleanup:** Vacuum to remove spill and place in trash container for disposal or flush with water. Do not dry sweep.

**Other Information:** (if applicable)

**SECTION VII – HANDLING AND STORAGE**

**Precautions To Be Taken in Handling:** Keep product dry.

**Precautions To Be Taken in Storage:** Avoid moisture when storing to prevent loss of bleaching action and to prevent caking.

**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. For splash protection, use chemical goggles.

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

Respiratory Protection: None required with normal use. For bulk handling or other dusty conditions, use respiratory protection approved by NIOSH for dust.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance (color, physical form, shape):** Green powder.

**Flash Point (Method Used):** N/A

**Odor:** Cedar pine scent.

**Reserve Alkalinity:** N/A

**Odor Threshold:**

**Solubility in Water:** Moderately

**Physical State:** Powder

**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:** ca. 1

**Boiling Point:** N/A

**Melting/Freezing Point:** N/A

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

**pH (specify % solution):** N/A

**SECTION X - STABILITY AND REACTIVITY**

**Chemical Stability:** Stable

**Conditions to Avoid:** None known.

**Incompatible Materials:** Ammonia and acids

**Hazardous Decomposition Products:** Chlorine gas

**Possibility of Hazardous Reactions:** None known.

**SECTION XI - TOXICOLOGICAL INFORMATION**

Calcium carbonate, an ingredient of this product, contains small amounts of crystalline silica (quartz) as a naturally occurring impurity. Prolonged, excessively high exposures to respirable crystalline silica may result in reduced lung function in some individuals. IARC has found sufficient evidence to classify crystalline silica as a carcinogen in animals, but there is limited evidence in humans.

LD50 (rats oral): 9 g/kg

ED50: 0.23 g/kg

Product as a whole:

CARCINOGENICITY: None known

SENSITIZATION EFFECTS: None known

REPRODUCTIVE EFFECTS: None known

SYNERGISTIC EFFECTS: None known

**SECTION XII - ECOLOGICAL INFORMATION**

No concerns at relevant environmental levels.

**SECTION XIII - DISPOSAL CONSIDERATIONS**

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

*Household Use:* Household quantities may be disposed of via sewer.

*Industrial Setting:* Dry product can be landfilled if local restrictions allow.

**SECTION XIV - TRANSPORT INFORMATION**

Ground Transport (DOT): The finished packaged product is non hazardous under DOT.

Air Transport (IATA): The finished packaged product is not regulated for IATA.

Marine/Water Transport (IMDG): The finished packaged product is not regulated for IMDG.

**SECTION XV - ADDITIONAL REGULATORY INFORMATION**

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

This product is not subject to warning labeling under California Proposition 65.

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* and the MSDS contains all information required by the *Controlled Products Regulations*.

SECTION XVI - OTHER INFORMATION		
P&G Hazard Rating:	Health: 1 Flammability: 0 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.		
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