



MATERIAL SAFETY DATA SHEET

MSDS #: N/A
Supersedes: N/A

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SECTION I - CHEMICAL PRODUCT

Identity: **Disinfectant Powder Cleanser**
Brands: **COMET Disinfectant Cleanser with Chlorinol (Professional Line)**
Emergency Telephone Number: - 1-800-332-7787 or call Local Poison Control Center

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.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Recommended Limits</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Calcium carbonate	Limestone	1317-65-3	ACGIH TWA: 10mg/m ³ (total dust) / 5 mg/m ³ (respirable dust) OSHA PEL: 15 mg/m ³	60-88%	NA/NA

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: 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**Emergency and 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 CO₂, 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**Boiling Point °F:** N/A**Odor:** Cedar pine scent**Odor Threshold:****Physical State:** powder**Vapor Pressure (mm Hg):** N/A**Vapor Density (Air=1):** N/A**Boiling Point:** N/A**Partition Coefficient (n-octanol/water):** N/A**Flash Point (Method Used):** N/A**Reserve Alkalinity:** N/A**Solubility in Water:** Moderately**Decomposition Temperature:** N/A**Evaporation Rate (nBuOAc=1):** N/A**Specific Gravity/Density:** ca. 1**Melting/Freezing Point:** N/A**pH (1% solution):** N/A**SECTION X - STABILITY AND REACTIVITY****Chemical Stability:** Stable**Conditions to Avoid:** None**Incompatible Materials:** Ammonia and acids**Hazardous Decomposition Products:** Chlorine gas**Possibility of Hazardous Reaction:** 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
<p>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.</p> <p><i>Household Use:</i> Household quantities may be disposed of via sewer.</p> <p><i>Industrial Setting:</i> Dry product can be landfilled if local restrictions allow.</p>

SECTION XIV - TRANSPORT INFORMATION
<p>Ground Transport (DOT): The finished packaged product is non hazardous under DOT.</p> <p>Air Transport (IATA): The finished packaged product is not regulated for IATA.</p> <p>Marine/Water Transport (IMDG): The finished packaged product is not regulated for IMDG.</p>

SECTION XV - ADDITIONAL REGULATORY INFORMATION
<p>All intentionally-added components of this product are listed on the US TSCA Inventory.</p> <p>This product is not subject to warning labeling under California Proposition 65.</p> <p>All ingredients are CEPA approved for import to Canada by Procter & Gamble.</p> <p>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.</p>

SECTION XVI - OTHER INFORMATION		
<p>P&G Hazard Rating:</p>	<p>Health: 1 Flammability: 0 Reactivity: 0</p>	<p>4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=NOT SIGNIFICANT</p>
<p>*N/A. - Not Applicable</p>	<p>*N/K. - Not Known</p>	
<p>Data supplied is for use only in connection with occupational safety and health.</p> <p>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.</p>		