



The Procter & Gamble Company
P&G Professional
Fabric & Home Care Innovation Center
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MATERIAL SAFETY DATA SHEET

MSDS #: RQ0908940
Supersedes: New

Issue Date: February 18, 2010
Issue Date:

SECTION I - CHEMICAL PRODUCT

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

SECTION II - HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

Ingestion: Mild mucous membrane irritant.
Eye Contact: Mild eye irritant.
Skin: Mild skin irritant.
Inhalation: Mild respiratory irritant.

Signs and Symptoms of Exposure:

Ingestion: May result in gastrointestinal irritation with nausea, vomiting and diarrhea.
Eye Contact: Direct contact with eye may result in superficial, temporary irritation similar to those produced by other household detergents.
Skin: Prolonged skin contact or direct contact with eye may result in superficial, temporary irritation similar to those produced by other household detergents.
Inhalation: Unusually high exposures may cause coughing or irritation of nose and throat.

SECTION III - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Calcium Carbonate (CAS # 1317-65-3); Sodium Carbonate (CAS # 497-19-8); Calcium Hydroxide (CAS # 1305-62-0); Sodium Dichloro-s-triazinetriene Dihydrate (CAS # 2893-78-9), Confidential Ingredient (NJTSRN 370001001)

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>Concentration Range</u>	<u>LD50</u>
Calcium Carbonate	Limestone	1317-65-3	60-100%	6.5 g/kg (Oral, rats)
Calcium Hydroxide	Hydrated Lime	1305-62-0	1 -1.5%	N/A
Silica, quartz	Quartz (naturally occurring component of limestone)	14808-60-7	0.1 -1%	9 g/kg

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Guidelines:

Ingredient	Exposure Limit Type*	Exposure Limit	Regulatory Agency
Calcium Carbonate (Limestone) (CAS # 1317-65-3)	PEL (Total Dust)	15 mg/m ³	OSHA
	PEL (Respirable Dust)	5 mg/m ³	OSHA
Calcium Hydroxide (CAS # 1305-62-0)	PEL	5 mg/m ³	OSHA
	TLV-TWA	5 mg/m ³	ACGIH
Silica, Quartz (CAS # 1808-60-7)	TWA (Total Dust)	0.3 mg/m ³	OSHA
	TWA (Respirable)	0.1 mg/m ³	OSHA
	TWA (α -Quartz, Respirable Fraction)	0.025 mg/m ³	ACGIH

Engineering Controls: Use mechanical ventilation (dilution and local exhaust) to control exposure.

Personal Protective Equipment (PPE):

Eye/Face Protection: None required for normal use. Avoid contact with eyes. Wash hands after handling shades. If eye contact occurs, rinse with plenty of water for 20 minutes.

Industrial setting: If a splash of solution is likely, chemical goggles may be needed.

Skin Protection: None required for normal use.

Industrial setting: Minimize prolonged skin contact with protective gloves (rubber or neoprene).

Respiratory Protection: None required with normal use.

Industrial setting: Use ventilation to minimize exposure to high levels of airborne dust. Exposure to high levels of airborne dust may require respiratory protection as approved by local regulatory agencies (e.g., NIOSH).

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point °F: N/A

Specific Gravity @ 25°C (H₂O=1): ca. 1

Vapor Pressure (mm Hg): N/A

Percent Volatile by Volume (%): ca. 1

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): 11.7 – 12.9

Scooped Density: N/A

Solubility in Water: Moderately

Appearance and Odor: Green powder, cedar pine scent.

Reserve Alkalinity: N/A

SECTION X - STABILITY AND REACTIVITY

Possible Hazardous Reactions/Conditions: None known

Conditions to Avoid: None

Materials to Avoid: Ammonia and acids

Hazardous Decomposition Products: Chlorine gas

Stability Stable

Hazardous Polymerization: Will not occur

Other Recommendations: None

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

The product is intended for wide dispersive use and is compatible with the down-the-drain disposal route. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. The product waste is not considered RCRA hazardous.

Industrial Setting: Incineration is preferred. Do not landfill liquids. Discard empty container in trash.

Non-Household Setting (Federal): Products covered by this MSDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

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

SECTION XIV - TRANSPORT INFORMATION

Ground Transport (US DOT): Not regulated.

Air Transport (IATA): Not regulated

Marine/Water Transport (IMDG): Not regulated

SECTION XV - ADDITIONAL REGULATORY INFORMATION

United States

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

EPA Registration Number: Not Applicable

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: Not Applicable

State Right-to-Know and CERCLA:

The following ingredients present in this finished product are listed on state right-to-know lists or state worker exposure lists:

Ingredient	CAS #	Concentration Range	CERCLA RQ	State				
				IL	MA	NJ	PA	RI
Calcium carbonate	1317-65-3	60 - 100%	-				X	X
Calcium hydroxide	1305-62-0	1 - 1.5%	-		X	X	X	X
Sodium dicholo-s-triazinetrihydrate	2893-78-9	1 - 1.5%	-		X	X	X	X
Crystalline Silica, Quartz	14808-60-7	0.1 – 1%	-		X	X	X	

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

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.

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.