



Commercial Products Group  
 CPG TN 6  
 2 Procter & Gamble Plaza  
 Cincinnati, OH 45202

HMIS®  
 Health 1\*  
 Flammability 0  
 Reactivity 0

# MATERIAL SAFETY DATA SHEET

Issue Date: 2/99

## SECTION I

Emergency Telephone Number: Procter & Gamble Operator 1-513-983-1100  
 Identity: **Professional Line COMET DISINFECTANT CLEANSER with CHLORINOL**  
 Ingredients/Chemical Name: Sodium dichloro-s-triazinetrione dihydrate, cleaning agents (calcium carbonate, sodium carbonate, anionic surfactants), quality control agents, perfume, colorant. Does not contain phosphorus.  
 Other: This product is an EPA registered pesticide (EPA Reg. No. 3573-51).

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

Component	CAS#	%	OSHA PEL	ACGIH TLV
Limestone (calcium carbonate)	1317-65-3	83.8%	15 mg/m <sup>3</sup> 5 mg/m <sup>3</sup> (respirable dust)	10 mg/m <sup>3</sup>
Silica, quartz (naturally occurring component of limestone)	14808-60-7	≤ 1%	0.1 mg/m <sup>3</sup> (respirable dust)	0.1 mg/m <sup>3</sup> (respirable dust)

**DOT Classification:** Not regulated

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling point:(°F)</b> N.A.	<b>Specific Gravity (H<sub>2</sub>O=1):</b> 1
<b>Vapor Pressure (mm Hg):</b> N.A.	<b>Percent Volatile by Volume (%):</b> 1
<b>Vapor Density (Air=1):</b> N.A.	<b>Evaporation Rate (nBuOAc=1):</b> N.A.
<b>Solubility in Water:</b> Moderate	<b>Appearance and Odor:</b> Green Powder, Cedar Pine Odor
<b>pH:</b> ~12.3	

## SECTION IV - FLAMMABILITY AND REACTIVITY

<b>Flash Point (Method Used):</b> N.A.	<b>Explosive Limits:</b> LEL: N.A. UEL: N.A.
<b>Extinguishing Media:</b> Use CO <sub>2</sub> , water or dry chemical.	
<b>Special Fire Fighting Procedures:</b> None required	
<b>Unusual Fire Hazards:</b> None known	
<b>Stability</b> <i>Unstable:</i>	<i>Conditions to Avoid:</i> None known
	<i>Stable:</i> X
<b>Incompatibility (Materials to avoid):</b> Ammonia and acids	
<b>Hazardous Decomposition/By Products:</b> Chlorine gas	
<b>Hazardous</b> <i>May Occur:</i>	<i>Conditions to Avoid:</i> None Known
<b>Polymerization</b> <i>Will Not Occur:</i> X	

**SECTION V - HEALTH AND SAFETY DATA**

**Route(s) of Entry:** Skin and eye contact, oral ingestion, inhalation.

**Health Hazards (Acute and Chronic):** Mild skin, eye, mucous membrane and respiratory irritant.

**Signs and Symptoms of Exposure:** Prolonged skin contact or direct contact with eye may result in superficial temporary irritation similar to those produced by other household detergents. Ingestion may result in mild gastrointestinal irritation with nausea, vomiting and diarrhea. Inhalation: No hazards under normal conditions of product use or within the occupational exposure guidelines. Unusually high exposures may cause coughing or irritation of nose and throat.

**Medical Conditions Generally Aggravated by Exposure:** Use on irritated or extremely dry skin may aggravate the existing condition.

**Emergency and First Aid Procedures:** *Accidental eye contact:* Flush thoroughly with water for 15 minutes. *Skin irritation:* Wash with soap and water and discontinue use. *Oral ingestion:* Dilute with fluids and treat symptomatically. *Accidental, high level inhalation:* Remove to fresh air. Get medical attention if coughing persists.

**Additional information:** Calcium carbonate, an ingredients 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.

**SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Precautions to be Taken in Handling and Storing:** Avoid moisture to prevent loss of bleaching/germicidal action and to prevent caking.

**Other precautions:** None required.

**Steps to Be Taken in Case Material is Released or Spilled:** Vacuum to remove spill and place in container for disposal or flush with water. Do not dry sweep..

**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 all regulations.

**SECTION VII - SPECIAL PROTECTION INFORMATION**

**Respiratory Protection (Specify Type):** None required for normal use. For bulk handling or other dusty conditions, use respiratory protection approved by NIOSH for dust.

**Ventilation** *Local Exhaust:* None required with normal use. *Special:* None  
*Mechanical (General):* Acceptable *Other:* None

**Eye Protection:** None required with normal use. In an industrial setting, eye protection (goggles) recommended. **Protective Gloves:** None required with normal use

**Other Protective Equipment:** None required

\*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.