

ITEM CODE #0014
CLEANSER, SCOURING
(COMET, PROFESSIONAL LINE)

PROCTER & GAMBLE

Commercial Service Products Group
CSPG TN-6
2 Procter & Gamble Plaza
Cincinnati, Ohio 45202

MATERIAL SAFETY DATA SHEET

Dear Customer:

Attached is a Material Safety Data Sheet (MSDS) for our product, **PROFESSIONAL LINE COMET CLEANSER with CHLORINOL**. This MSDS was written to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200). The intent of the Standard is to protect workers in industrial situations from hazardous materials in the work place; however, the scope of the Standard covers some cleaning product ingredients.

Professional Line Comet Cleanser with Chlorinol is "hazardous" within the meaning of the OSHA Hazard Communication Standard because it contains limestone (calcium carbonate) which 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.

Thank you for your interest in our products.

THE PROCTER & GAMBLE COMPANY
Commercial Service Products Group

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MATERIAL SAFETY DATA SHEET

Issue Date: 8/95

SECTION I - IDENTIFICATION	
Emergency Telephone Number:	Procter & Gamble Operator 1-513-983-1100
Identity:	PROFESSIONAL LINE COMET CLEANSER with CHLORINOL (Brand Code: 08447)
Ingredients/Chemical Name:	Sodium dichloro-s-triazinetriene 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 IDENTIFICATION 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 ³ 5 mg/m ³ (respirable dust)	10 mg/m ³
Silica, quartz (naturally occurring component of limestone)	14808-60-7	≤ 1%	0.1 mg/m ³ (respirable dust)	0.1 mg/m ³ (respirable dust)
DOT Classification: Not regulated				

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling point:(°F)	N.A.
Vapor Pressure (mm Hg):	N.A.
Vapor Density (Air=1):	N.A.
Solubility in Water:	Moderate
Specific Gravity (H ₂ O=1):	1
Percent Volatile by Volume (%):	1
Evaporation Rate (nBuOAc=1):	N.A.
Appearance and Odor:	Green Powder. Cedar Pine Odor

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

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PROFESSIONAL LINE COMET CLEANSER with CHLORINOL Material Safety Data Sheet (continued)

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: For accidental eye contact, flush thoroughly with water for 15 minutes. For skin irritation, wash with soap and water and discontinue use. For oral ingestion, dilute with fluids and treat symptomatically. For 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.