



Laundry & Cleaning Products Division
Procter & Gamble
Sharon Woods Technical Center
11530 Reed Hartman Highway
Cincinnati, OH 45241-2422

MATERIAL SAFETY DATA SHEET

Issue Date: 8/95

SECTION I

Emergency Telephone Number: 1-800-926-9441 or call your Local Poison Control Center

Identity: **COMET DISINFECTANT CLEANSER with CHLORINOL[®] AR** (regular and lemon fresh fragrances)

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

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

OSHA regulated components under, 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: Comet Cleanser is not DOT hazardous and is not regulated under the DOT Hazardous Materials Regulations (49 CFR, parts 171-180) which govern the safe transport of hazardous materials.

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: Moderately

Specific Gravity (H₂O=1): ca. 1

Percent Volatile by Volume (%): ca. 1

Evaporation Rate (nBuOAc=1): N.A.

Appearance and Odor: Green powder,
cedar pine or lemon scent

SECTION IV - FLAMMABILITY AND REACTIVITY

Flash Point (Method Used): N.A.

Explosive Limits: LEL: N.A. UEL: N.A.

Extinguishing Media: Use CO₂, water, or dry chemical.

Special Fire Fighting Procedures: None required.

Unusual Fire Hazards: None

Stability Unstable:

Stable: X

Conditions to Avoid: None

Incompatibility (Materials to Avoid): Ammonia and acids.

Hazardous Decomposition/By Products: Chlorine gas.

Hazardous Polymerization: May Occur. Conditions to Avoid: None
Will Not Occur: X

COMET DISINFECTANT CLEANSER with CHLORINOL[®] AR (regular and lemon fresh) MSDS-continued.

SECTION V - HEALTH AND SAFETY DATA

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

Potential Health Effects: Mild skin, eye, mucous membrane, and respiratory irritant.

Signs and Symptoms of Exposure:

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

Ingestion: Oral ingestion may result in 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 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.

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE

Precautions To Be Taken in Handling and Storing: Avoid moisture when storing to prevent loss of bleaching 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 surfactant. 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 with 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. *Industrial Setting:* Eye protection (goggles) recommended

Protective Gloves: None required with normal use.

Other Protective Equipment: None required with normal use.

*NA. - Not Applicable

*NK. - 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.