

# Procter & Gamble

## Professional<sup>®</sup>

### MATERIAL SAFETY DATA SHEET

#### 1. Product and Company Identification

**Material name** GPG Comet Disinfectant Cleanser with Chlorinol  
**Product Code** 15885959  
**Version #** 05  
**Revision date** 11-01-2010  
**Manufacturer Address** Procter & Gamble Professional  
2 P&G Plaza  
Cincinnati  
Ohio  
45202  
US  
**P&G Telephone Number:** 1-800-332-7787  
**Emergency 24-hr Telephone #:** CHEMTREC 1-800-424-9300

#### 2. Hazards Identification

##### Potential health effects

**Routes of exposure** Inhalation. Ingestion. Skin contact. Eye contact.  
**Eyes** Accidental exposure will cause a mild but transient irritation.  
**Skin** May cause transient irritation. Prolonged or repeated contact may be drying to skin.  
**Inhalation** May be irritating.  
**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

##### Potential environmental effects

Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered small.

#### 3. Composition / Information on Ingredients

Components	CAS #	Percent
CALCIUM CARBONATE	471-34-1	60-100
SODIUM CARBONATE	497-19-8	7-13
CALCIUM HYDROXIDE	1305-62-0	1-5
Sodium Dichloro-s Triazinetrione Dihydrate	51580-86-0	1-5

#### 4. First Aid Measures

##### First aid procedures

**Eye contact** After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if symptoms persist.  
**Skin contact** Wash affected area with mild soap and water. Rinse with plenty of water. Get medical attention if irritation develops and persists.  
**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.  
**Ingestion** Drink 1 or 2 glasses of water. Do not induce vomiting without advice from poison control center or doctor. Get medical attention if any discomfort continues.

#### 5. Fire Fighting Measures

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not contaminate water.

## Extinguishing media

### Suitable extinguishing media

Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

## Protection of firefighters

### Protective equipment and precautions for firefighters

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

## 6. Accidental Release Measures

### Personal precautions

Keep unnecessary personnel away. Wear suitable protective clothing.

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

### Clean-up methods and materials and containment measures

In case of spills, beware of slippery floors and surfaces. Sweep or scoop up and remove. Following product recovery, flush area with water. Minimize dust generation.

## 7. Handling and Storage

### Handling

Use personal protective equipment as required. Avoid contact with skin. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of reach of children.

### Storage

Store in a cool and well-ventilated place. Keep away from moisture.

## 8. Exposure Controls / Personal Protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

Components	Type	Value
CALCIUM HYDROXIDE (1305-62-0)	TWA	5 mg/m <sup>3</sup>

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
CALCIUM CARBONATE (471-34-1)	PEL	5 mg/m <sup>3</sup>	Respirable fraction.
CALCIUM HYDROXIDE (1305-62-0)	PEL	15 mg/m <sup>3</sup>	Total dust.
		5 mg/m <sup>3</sup>	Respirable fraction.
		15 mg/m <sup>3</sup>	Total dust.

### Engineering controls

Provide adequate ventilation.

### Personal protective equipment

#### Eye / face protection

Not normally needed. If contact is likely, safety glasses with side shields are recommended.

#### Skin protection

Not normally needed. If prolonged or repeated contact is likely, protective gloves are recommended. Neoprene gloves. Rubber gloves.

#### Respiratory protection

Not normally needed.

#### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

### Color

Green.

### Odor

Pine

### Odor threshold

Not available.

### Physical state

Solid.

### pH

12.3 (1% solution)

### Melting point

Not available.

### Freezing point

Not available.

### Boiling point

Not available.

### Flash point

Not available.

### Evaporation rate

Not available.

### Vapor pressure

Not available.

<b>Specific gravity</b>	Not available.
<b>Solubility (water)</b>	Moderate
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>VOC</b>	0 % estimated
<b>Percent volatile</b>	0 % estimated estimated

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	This is a stable material.
<b>Conditions to avoid</b>	Avoid contact with acids. and Ammonia.
<b>Hazardous decomposition products</b>	Chlorine gas
<b>Hazardous polymerization</b>	Will not occur.

## 11. Toxicological Information

### Toxicological data

Components	Test Results
CALCIUM HYDROXIDE (1305-62-0)	Acute Oral LD50 Rat: 7340 mg/kg
CALCIUM CARBONATE (471-34-1)	Acute Oral LD50 Mouse: 6450 mg/kg
SODIUM CARBONATE (497-19-8)	Acute Oral LD50 Rat: 6450 mg/kg Acute Inhalation LC50 Guinea pig: 0.8 mg/l 2.00 Hours Acute Inhalation LC50 Mouse: 1.2 mg/l 2.00 Hours Acute Inhalation LC50 Rat: 2.3 mg/l 2.00 Hours Acute Oral LD50 Rat: 4090 mg/kg Acute Other LD50 Mouse: 116.6 mg/kg 30.00 Days Acute Oral LD50 500 mg/kg
Sodium Dichloro-s Triazinetrione Dihydrate (51580-86-0)	

<b>Sensitization</b>	Not available.
<b>Local effects</b>	Irritating to skin. Contact may irritate or burn eyes.
<b>Chronic effects</b>	Hazardous by OSHA criteria.
<b>Skin corrosion/irritation</b>	Not available.

## 12. Ecological Information

<b>Environmental effects</b>	Based on ecotoxicity and fate data for the individual ingredients in this specific formulation, and for related consumer household cleaning products formulations, this product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment at relevant environmental concentrations. This product is intended for dispersive use and should not be disposed of directly into the environment.
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## 13. Disposal Considerations

<b>Disposal instructions</b>	This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.
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## 14. Transport Information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.

## 15. Regulatory Information

<b>US federal regulations</b>	This is an EPA-registered pesticide (Registration No. 3573-51).
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## CERCLA (Superfund) reportable quantity

None

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes

## State regulations

### ILLRTK

Contains no Illinois Right To Know toxic substances.

### US - Connecticut Hazardous Material Survey: Listed substance

Sodium Dichloro-s Triazinetrione Dihydrate (CAS 51580-86-0) LISTED

### US - Massachusetts RTK - Substance: Listed substance

CALCIUM CARBONATE (CAS 471-34-1) LISTED  
CALCIUM HYDROXIDE (CAS 1305-62-0) LISTED  
Sodium Dichloro-s Triazinetrione Dihydrate (CAS 51580-86-0) LISTED

### US - New Jersey RTK - Special Hazard: Listed substance

Contains no New Jersey Right To Know special hazards.

### US - New Jersey RTK - Substances: Listed substance

CALCIUM HYDROXIDE (CAS 1305-62-0) LISTED  
Sodium Dichloro-s Triazinetrione Dihydrate (CAS 51580-86-0) LISTED

### US - Pennsylvania RTK - Hazardous Substances: Listed substance

CALCIUM CARBONATE (CAS 471-34-1) LISTED  
CALCIUM HYDROXIDE (CAS 1305-62-0) LISTED  
Sodium Dichloro-s Triazinetrione Dihydrate (CAS 51580-86-0) LISTED

### US - Rhode Island RTK - Hazardous Substances: Listed substance

CALCIUM CARBONATE (CAS 471-34-1) LISTED  
CALCIUM HYDROXIDE (CAS 1305-62-0) LISTED  
Sodium Dichloro-s Triazinetrione Dihydrate (CAS 51580-86-0) LISTED

## Canadian regulations

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

## Inventory Status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other Information

**HMIS® ratings**  
Health: 2  
Flammability: 0  
Physical hazard: 0

**NFPA ratings**  
Health: 2  
Flammability: 0  
Instability: 0  
Special hazards:

**Disclaimer**

This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.