

# Procter & Gamble

## Professional<sup>®</sup>

### MATERIAL SAFETY DATA SHEET

#### 1. Product and Company Identification

**Material name** PGP Comet Deodorizing Cleanser with Chlorinol  
**Product Code** 95408362  
**Version #** 02  
**Revision date** 10-15-2013  
**Manufacturer** Procter & Gamble Professional  
**Address** 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 minimal.

#### 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 (CO2).

## 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<br>(1305-62-0) | TWA  | 5 mg/m3 |

**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.

**Form** Powder.

**Odor** Pine

**pH** 12.3 (1% solution)

**Melting point** 1500.5 °F (815.83781279 °C) estimated

**Freezing point** 1500.5 °F (815.83781279 °C) estimated

**Boiling point** 212 °F (100 °C) estimated

**Flash point** 220.00 °F (104.44 °C) estimated

**Evaporation rate** Not available.

**Vapor pressure** 0.357930687 hPa estimated

**Specific gravity** 2.492334776 estimated

**Solubility (water)** Moderate

**Partition coefficient (n-octanol/water)** Not available

**VOC** Not available.

**Percent volatile** 0 % estimated estimated

**Density** 2.49 g/cm3 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<br>Acute Inhalation LC50 Guinea pig: 0.8 mg/l 2 Hours<br>Acute Inhalation LC50 Mouse: 1.2 mg/l 2 Hours<br>Acute Inhalation LC50 Rat: 2.3 mg/l 2 Hours<br>Acute Oral LD50 Rat: 4090 mg/kg<br>Acute Other LD50 Mouse: 116.6 mg/kg 30 Days |
| Sodium Dicholor-s Triazinetrione Dihydrate (51580-86-0) | Acute Oral LD50 500 mg/kg   |

|                                  |  |
|----------------------------------|--|
| <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. |
|------------------------------|--|

## 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. |
|------------------------------|--|

## 14. Transport Information

### DOT

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

## 15. Regulatory Information

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

|                          |  |
|--------------------------|--|
| <b>Hazard categories</b> | Immediate Hazard - Yes<br>Delayed Hazard - Yes<br>Fire Hazard - No<br>Pressure Hazard - No<br>Reactivity Hazard - No |
|--------------------------|--|

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

**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 - Illinois Chemical Safety Act: Listed substance**

**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 Community RTK (EHS Survey): Listed substance**

**US - New Jersey RTK - Hazardous substance**

CALCIUM CARBONATE (CAS 471-34-1) CALCIUM CARBONATE  
CALCIUM HYDROXIDE (CAS 1305-62-0) CALCIUM HYDROXIDE

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

Sodium Dichloro-s Triazinetrione Dihydrate (CAS 51580-86-0) SODIUM DICHLOROISOCYANURATE SPEC\_HAZAROUS

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

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

Contains no Rhode Island Right To Know hazardous substances.

**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: 1  
Physical hazard: 0

**NFPA ratings**

Health: 2  
Flammability: 1  
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.