1. Product and Company Identification

Material name: PGP 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

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM CARBONATE</td>
<td>471-34-1</td>
<td>60-100</td>
</tr>
<tr>
<td>SODIUM CARBONATE</td>
<td>497-19-8</td>
<td>7-13</td>
</tr>
<tr>
<td>CALCIUM HYDROXIDE</td>
<td>1305-62-0</td>
<td>1-5</td>
</tr>
<tr>
<td>Sodium Dichlor-s Triazinetrione Dihydrate</td>
<td>51580-86-0</td>
<td>1-5</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPONENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CALCIUM HYDROXIDE</td>
<td>TWA</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>(1305-62-0)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPONENTS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CALCIUM CARBONATE</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>(471-34-1)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CALCIUM HYDROXIDE</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>(1305-62-0)</td>
<td></td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
</tbody>
</table>

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

10. Chemical Stability & Reactivity Information
Chemical stability: This is a stable material.
Conditions to avoid: Avoid contact with acids. and Ammonia.
Hazardous decomposition products: Chlorine gas
Hazardous polymerization: Will not occur.

11. Toxicological Information

<table>
<thead>
<tr>
<th>Toxicological data Components</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM HYDROXIDE (1305-62-0)</td>
<td>Acute Oral LD50 Rat: 7340 mg/kg</td>
</tr>
<tr>
<td>CALCIUM CARBONATE (471-34-1)</td>
<td>Acute Oral LD50 Mouse: 6450 mg/kg</td>
</tr>
<tr>
<td>SODIUM CARBONATE (497-19-8)</td>
<td>Acute Oral LD50 Rat: 6450 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Inhalation LC50 Guinea pig: 0.8 mg/l 2.00 Hours</td>
</tr>
<tr>
<td></td>
<td>Acute Inhalation LC50 Mouse: 1.2 mg/l 2.00 Hours</td>
</tr>
<tr>
<td></td>
<td>Acute Inhalation LC50 Rat: 2.3 mg/l 2.00 Hours</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Rat: 4090 mg/kg</td>
</tr>
<tr>
<td>Sodium Dichlor-s Triazinetrione Dihydrate (51580-86-0)</td>
<td>Acute Other LD50 Mouse: 116.6 mg/kg 30.00 Days</td>
</tr>
<tr>
<td>Sensitization</td>
<td>Not available.</td>
</tr>
<tr>
<td>Local effects</td>
<td>Irritating to skin. Contact may irritate or burn eyes.</td>
</tr>
<tr>
<td>Chronic effects</td>
<td>Hazardous by OSHA criteria.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

12. Ecological Information
Environmental effects: 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
Disposal instructions: 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
US federal regulations: This is an EPA-registered pesticide (Registration No. 3573-51).
CERCLA (Superfund) reportable quantity
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Immediate Hazard - Yes</th>
<th>Delayed Hazard - Yes</th>
<th>Fire Hazard - No</th>
<th>Pressure Hazard - No</th>
<th>Reactivity Hazard - No</th>
</tr>
</thead>
</table>

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

State regulations

**ILLRTK**
Contains no Illinois Right To Know toxic substances.

Sodium Dicholor-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 Dicholor-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 Dicholor-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 Dicholor-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 Dicholor-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

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*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.