Procter&Gamble Professional®

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name	**PGP Comet Deoderizing Cleanser with Chlorinol**
Product Code	95408362
Version #	01
Revision date	11-04-2010
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 Dicholor-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 (1305-62-0)	TWA	5 mg/m3

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/m3	Respirable fraction.
		15 mg/m3	Total dust.
CALCIUM HYDROXIDE (1305-62-0)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	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.

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

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
Sodium Dicholor-s Triazinetrione Dihydrate (51580-86-0)	Acute Oral LD50 500 mg/kg

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

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

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
No

State regulations

ILLRTK

Contains no Illinois Right To Know toxic substances.

US - Connecticut Hazardous Material Survey: Listed substance

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

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.