

Procter&Gamble

Professional®

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name P&G Pro Line Carpet Extraction Cleaner and Sanitizer (25) - Concentrate
Product Code 98668762
Version # 04
Revision date 04-05-2011
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 Irritating to eyes. May cause permanent damage if eye is not immediately irrigated.
Skin Irritating to skin. Skin contact may aggravate an existing dermatitis.
Inhalation Irritating to mucous membranes.
Ingestion Irritating to mucous membranes. Large exposures may be fatal.

Potential environmental effects May cause long-term adverse effects in the environment.

3. Composition / Information on Ingredients

Components	CAS #	Percent
UREA	57-13-6	3-7
DISODIUM METASILICATE	6834-92-0	1-5
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	1-5
DECANAMINIUM N,N-DIMETHYL-N-OCTYL CHLORIDE	32426-11-2	0.5-1.5

4. First Aid Measures

First aid procedures

Eye contact Immediately rinse with water for several minutes. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention.
Skin contact Immediately flush skin with plenty of water. Remove contaminated clothing. Continue to rinse for at least 15 minutes. Get medical attention.
Inhalation Move to fresh air. Call a physician or poison control center immediately. Perform artificial respiration if breathing has stopped and call an ambulance.
Ingestion Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. If victim is fully conscious, give a cupful of water. If medical advice is needed, have product container or label at hand.

Notes to physician If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

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 spray. Dry 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. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Never return spills in original containers for re-use.

7. Handling and Storage

Handling	Use personal protective equipment as required. Use only in area provided with appropriate exhaust ventilation. Do not get this material in contact with skin or eyes. Keep out of reach of children.
Storage	Keep container tightly closed in a cool, well-ventilated place.

8. Exposure Controls / Personal Protection

Engineering controls	Provide adequate ventilation. Provide easy access to water supply and eye wash facilities.
Personal protective equipment	
Eye / face protection	Wear chemical goggles or face shield.
Skin protection	Wear protective gloves. Neoprene gloves. Latex gloves.
Respiratory protection	Not normally needed.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Color	Clear.
Odor	Fresh
Odor threshold	Not available.
Physical state	Liquid.
pH	12.8
Melting point	Not available.
Freezing point	Not available.
Boiling point	212 °F (100 °C)
Flash point	>= 393.8 °F (>= 201 °C)
Evaporation rate	Not available.
Vapor pressure	Not available.
Specific gravity	1.07
Solubility (water)	100
Partition coefficient (n-octanol/water)	Not available
VOC	Not available.
Percent volatile	77.27 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability	This is a stable material.
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Conditions to avoid	Do not mix with other chemicals.
Hazardous decomposition products	Thermal decomposition may produce toxic vapors or gases.
Hazardous polymerization	Will not occur.

11. Toxicological Information

Toxicological data

Components	Test Results
DECANAMINIUM N,N-DIMETHYL-N-OCTYL CHLORIDE (32426-11-2)	Acute Oral LD50 Rat: 200 - 2000 mg/kg
UREA (57-13-6)	Acute Oral LD50 Rat: 8471 mg/kg Acute Oral LD50 Sheep: 28500 mg/kg Acute Other LD50 Mouse: 4600 mg/kg Acute Other LD50 Rat: 5300 mg/kg Acute Oral LD50 Mouse: 2400 mg/kg
DISODIUM METASILICATE (6834-92-0)	Acute Oral LD50 Rat: 1280 mg/kg Acute Dermal LD50 Rabbit: >= 4640 mg/kg
TETRAPOTASSIUM PYROPHOSPHATE (7320-34-5)	

Sensitization	Not available.
Local effects	Risk of serious damage to eyes. Harmful in contact with skin and if swallowed. Irritating to respiratory system.
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.
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13. Disposal Considerations

Waste codes	D002: Waste Corrosive material [pH <=2 or >=12.5, or corrosive to steel]
Disposal instructions	This material and its container must be disposed of as hazardous waste. Incinerate the material under controlled conditions in an approved incinerator. Do not dispose of waste into sewer. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose of container in accordance with label instructions.

14. Transport Information

DOT

Basic shipping requirements:

Proper shipping name	CORROSIVE LIQUID, N.O.S. (QUATERNARY AMMONIUM CHLORIDE), LTD QTY [may be shipped as a CONSUMER COMMODITY ORM-D through 12/31/2013]
Hazard class	8
UN number	1760
Packing group	III
Additional information:	
ERG number	154

IMDG

Basic shipping requirements:

Proper shipping name	CORROSIVE LIQUID, N.O.S. (QUATERNARY AMMONIUM CHLORIDE), LTD QTY
Hazard class	8
UN number	1760
Packing group	III
Marine pollutant	Yes

IATA

Basic shipping requirements:

Proper shipping name Corrosive liquid, n.o.s. (quaternary ammonium chloride), LTD QTY
Hazard class 8
UN number 1760
Packing group III

Notes DO NOT SHIP BY AIR. Does not meet packaging requirements for air shipments.

15. Regulatory Information

US federal regulations This is an EPA-registered pesticide (Registration No. 8155-17-3573). CDPR Registration No. 8155-17-ZA-3573.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
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 - Massachusetts RTK - Substance: Listed substance

Contains no Massachusetts Right To Know substances.

US - New Jersey RTK - Special Hazard: Listed substance

Contains no New Jersey Right To Know special hazards.

US - New Jersey RTK - Substances: Listed substance

Contains no New Jersey Right To Know Substances

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Contains no Pennsylvania Right To Know hazardous substances

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: 3
Flammability: 1
Physical hazard: 0

NFPA ratings Health: 3
Flammability: 1
Instability: 0

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.