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: 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
- 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

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>UREA</td>
<td>57-13-6</td>
<td>3-7</td>
</tr>
<tr>
<td>DISODIUM METASILICATE</td>
<td>6834-92-0</td>
<td>1-5</td>
</tr>
<tr>
<td>TETRAPOTASSIUM PYROPHOSPHATE</td>
<td>7320-34-5</td>
<td>1-5</td>
</tr>
<tr>
<td>DECANAMINIUM N,N-DIMETHYL-N-OCTYL CHLORIDE</td>
<td>32426-11-2</td>
<td>0.5-1.5</td>
</tr>
</tbody>
</table>

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


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.

Clean-up methods and materials and containment measures

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


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.
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

<table>
<thead>
<tr>
<th>Components</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECANAMINUM N,N-DIMETHYL-N-OCTYL CHLORIDE (32426-11-2)</td>
<td>Acute Oral LD50 Rat: 200 - 2000 mg/kg</td>
</tr>
<tr>
<td>UREA (57-13-6)</td>
<td>Acute Oral LD50 Rat: 8471 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Sheep: 28500 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Other LD50 Mouse: 4600 mg/kg</td>
</tr>
<tr>
<td>DISODIUM METASILICATE (6834-92-0)</td>
<td>Acute Oral LD50 Mouse: 2400 mg/kg</td>
</tr>
<tr>
<td>TETRAPOTASSIUM PYROPHOSPHATE (7320-34-5)</td>
<td>Acute Oral LD50 Rat: 1280 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Dermal LD50 Rabbit: &gt;= 4640 mg/kg</td>
</tr>
</tbody>
</table>

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.

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 materia 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
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

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: 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.