1. Product and Company Identification

Material name: P&G Pro Line Bio-Spot Carpet Spot Remover - Ready to Use
Product Code: 98668766
Version #: 04
Revision date: 11-01-2010
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**
  - Ingestion: Inhalation. Skin contact. Eye contact.
  - **Eyes**
    - Health injuries are not known or expected under normal use. Accidental exposure will cause a mild to moderate transient irritation.
  - **Skin**
    - Health injuries are not known or expected under normal use. Contact with skin may cause irritation. Skin contact may aggravate an existing dermatitis.
  - **Inhalation**
    - Health injuries are not known or expected under normal use. May be irritating.
  - **Ingestion**
    - Health injuries are not known or expected under normal use. Can cause irritation to mucous membranes. Ingestion can 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>PROPYLENE GLYCOL PHENYL ETHER</td>
<td>770-35-4</td>
<td>1-5</td>
</tr>
<tr>
<td>DIPROPYLENE GLYCOL MONOMETHYL ETHER</td>
<td>34590-94-8</td>
<td>1</td>
</tr>
<tr>
<td>SODIUM BICARBONATE</td>
<td>144-55-8</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 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. Get medical attention if symptoms persist.
- **Ingestion**
  - Rinse mouth. Drink 1 or 2 glasses of water. Never give liquid to an unconscious person. 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. Foam. Carbon dioxide (CO2).

Protection of firefighters

Protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

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. Stop the flow of material, if this is without risk. 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.

7. Handling and Storage

Handling

Use personal protective equipment as required. Avoid contact with eyes. 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 from freezing.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIPROPYLENE GLYCOL MONOMETHYL ETHER (34590-94-8)</td>
<td>STEL</td>
<td>150 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIPROPYLENE GLYCOL MONOMETHYL ETHER (34590-94-8)</td>
<td>PEL</td>
<td>100 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>600 mg/m3</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

Translucent.

Odor

Scented

Odor threshold

Not available.

Physical state

Liquid.

pH

8.25 - 9.5

Melting point

Not available.

Freezing point

Not available.

Boiling point

212 °F (100 °C)

Flash point

186 °F (85.6 °C)

Evaporation rate

1

Vapor pressure

Not available.
**Specific gravity** 1.01
**Solubility (water)** Complete
**Partition coefficient (n-octanol/water)** Not available
**VOC** Not available.
**Percent volatile** >= 95 %

### 10. Chemical Stability & Reactivity Information

**Chemical stability** This is a stable material.
**Conditions to avoid** Do not mix with other chemicals.
**Hazardous decomposition products** Irritating and/or toxic gases may be emitted upon the products decomposition.
**Hazardous polymerization** Will not occur.

### 11. Toxicological Information

<table>
<thead>
<tr>
<th>Components</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM BICARBONATE (144-55-8)</td>
<td>Acute Oral LD50 Rat: 4220 mg/kg</td>
</tr>
<tr>
<td>DIPROPYLENE GLYCOL MONOMETHYL ETHER (34590-94-8)</td>
<td>Acute Dermal LD50 Rabbit: 9.5 g/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Rat: 5.4 ml/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Rat: 5.35 g/kg</td>
</tr>
<tr>
<td>PROPYLENE GLYCOL PHENYL ETHER (770-35-4)</td>
<td>Acute Inhalation LC50 3 mg/l</td>
</tr>
</tbody>
</table>

**Sensitization** Not available.

**US ACGIH Threshold Limit Values: Skin designation**

**DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS 34590-94-8)** Can be absorbed through the skin.

**Local effects** Mild skin irritation Irritating to 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

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
US TSCA Section 12(b) Export Notification: Export Notification requirement/De minimis concentration

DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS 34590-94-8) 1.0 % One-Time Export Notification only.

CERCLA (Superfund) reportable quantity
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
- Immediate Hazard - Yes
- Delayed Hazard - Yes
- Fire Hazard - Yes
- Pressure Hazard - No
- Reactivity Hazard - No

Section 302 extremely hazardous substance
No

Section 311 hazardous chemical
Yes

State regulations

ILLRTK
Contains no Illinois Right To Know toxic substances.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
NAPHTHALENE (CAS 91-20-3) NAPHTHALENE

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
NAPHTHALENE (CAS 91-20-3) NAPHTHALENE

US - Massachusetts RTK - Substance: Listed substance
DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS 34590-94-8) 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
DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS 34590-94-8) LISTED

US - Pennsylvania RTK - Hazardous Substances: Listed substance
DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS 34590-94-8) LISTED

US - Rhode Island RTK - Hazardous Substances: Listed substance
DIPROPYLENE GLYCOL MONOMETHYL ETHER (CAS 34590-94-8) 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.

Further information
HMIS® is a registered trade and service mark of the NPCA.

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: 1*
- Flammability: 2
- Physical hazard: 0

NFPA ratings
- Health: 1
- Flammability: 2
- 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.