SAFETY DATA SHEET

Product Name: P&G Pro® Line Bio SpotTM Carpet Spot Remover

Product Code(s): 4-21

Product ID: 98668766_PROF_NG

Product Type: Finished Product - Professional Use Only

Recommended Use: Floor Care

Restrictions on Use: Use only as directed on label.

Manufacturer:
Procter & Gamble Professional
2 P&G Plaza
Cincinnati, Ohio 45202

Procter & Gamble Inc.
P.O. Box 355, Station A
Toronto, ON M5W 1C5

1-800-332-7787

E-mail Address: pgsds.im@pg.com

Emergency Telephone:
Transportation (24 HR)
CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 800-681-9531

2. HAZARD IDENTIFICATION

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:

Hazard Category
Eye Damage / Irritation: Category 2B

Signal Word: WARNING

Hazard Statements: Causes eye irritation

Hazard pictograms: None

Precautionary Statements - Prevention: Wash hands thoroughly after handling

Precautionary Statements - Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Issuing Date: 12-Feb-2015
Revision Date: 07-Apr-2015
Version: 2
3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Synonyms</th>
<th>Trade Secret</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfuric acid, mono-C10-16-alkyl esters, sodium salts</td>
<td>-</td>
<td>No</td>
<td>68585-47-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Propanol, 1(or 2)-(2-methoxymethylethoxy)-</td>
<td>-</td>
<td>No</td>
<td>34590-94-8</td>
<td>0.5 - 1.5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact  
Rinse with plenty of water. Get medical attention immediately if irritation persists.

Skin contact  
Rinse with plenty of water. Get medical attention if irritation develops and persists.

Ingestion  
Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Inhalation  
Move to fresh air. If symptoms persist, call a physician.

Most important symptoms/effects, acute and delayed  
None under normal use conditions.

Indication of immediate medical attention and special treatment needed, if necessary  
Treat symptomatically.

Notes to Physician  
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media  
Dry chemical, CO₂, alcohol-resistant foam or water spray.

Unsuitable Extinguishing Media  
None.

Special hazard  
None known.

Special protective equipment for fire-fighters  
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards arising from the chemical  
None.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Use personal protective equipment. Do not get in eyes, on skin, or on clothing.

Advice for emergency responders
Use personal protective equipment as required.

Methods and materials for containment and cleaning up

Methods for containment
Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling
Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible products
None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>Mexico PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propanol, 1(or 2)-(2-methoxymethylethoxy)-</td>
<td>34590-94-8</td>
<td>STEL: 150 ppm</td>
<td>TWA: 100 ppm</td>
<td>Mexico: TWA 100 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 100 ppm</td>
<td>(vacated) TWA: 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>S*</td>
<td>TWA: 600 mg/m³</td>
<td>Mexico: TWA 60 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(vacated) TWA: 600 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STEL 150 ppm</td>
<td>Mexico: TWA 150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(vacated) STEL: 150 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>900 mg/m³</td>
<td>Mexico: TWA 900 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(vacated) S*</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Alberta</th>
<th>Quebec</th>
<th>Ontario TWAEV</th>
<th>British Columbia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propanol, 1(or 2)-(2-methoxymethylethoxy)-</td>
<td>34590-94-8</td>
<td>TWA: 100 ppm</td>
<td>TWA: 100 ppm</td>
<td>TWA: 100 ppm</td>
<td>TWA: 100 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 606 mg/m³</td>
<td>TWA: 606 mg/m³</td>
<td>TWA: 100 ppm</td>
<td>TWA: 100 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 150 ppm</td>
<td>STEL: 150 ppm</td>
<td>STEL: 150 ppm</td>
<td>STEL: 150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>909 mg/m³</td>
<td>909 mg/m³</td>
<td>909 mg/m³</td>
<td>909 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin</td>
<td>Skin</td>
<td>Skin</td>
<td>Skin</td>
</tr>
</tbody>
</table>

No relevant exposure guidelines for other ingredients

Exposure controls

Engineering Measures
Distribution, Workplace and Household Settings:
Ensure adequate ventilation
**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

**Personal Protective Equipment**

**Eye Protection**
Distribution, Workplace and Household Settings:
No special protective equipment required

**Hand Protection**
Distribution, Workplace and Household Settings:
No special protective equipment required

**Skin and Body Protection**
Distribution, Workplace and Household Settings:
No special protective equipment required

**Respiratory Protection**
Distribution, Workplace and Household Settings:
No special protective equipment required

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**
Use appropriate eye protection

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**
Protective gloves

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**
Wear suitable protective clothing

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**
In case of insufficient ventilation wear suitable respiratory equipment

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State @20°C</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>clear</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Peach</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>100 °C / 212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>85.6 °C / 186 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>1.01</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Viscosity of Product</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not applicable.</td>
<td></td>
</tr>
</tbody>
</table>
VOC Content (%) Products comply with US state and federal regulations for VOC content in consumer products.

10. STABILITY AND REACTIVITY

Reactivity None under normal use conditions.
Stability Stable under normal conditions.
Hazardous polymerization Hazardous polymerization does not occur.
Hazardous Reactions None under normal processing.
Conditions to Avoid None under normal processing.
Materials to avoid None in particular.

11. TOXICOLOGICAL INFORMATION

Product Information
Information on likely routes of exposure
Inhalation No known effect.
Skin contact No known effect.
Ingestion No known effect.
Eye contact Irritating to eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Acute toxicity No known effect.
Skin corrosion/irritation No known effect.
Serious eye damage/eye irritation Irritating to eyes.
Skin sensitization No known effect.
Respiratory sensitization No known effect.
Germ cell mutagenicity No known effect.
Neurological Effects No known effect.
Reproductive toxicity No known effect.
Developmental toxicity No known effect.
Teratogenicity No known effect.
STOT - single exposure No known effect.
STOT - repeated exposure No known effect.
Target Organ Effects No known effect.
Aspiration hazard No known effect.
Carcinogenicity No known effect.

12. ECOLOGICAL INFORMATION

Ecotoxicity
The product is not expected to be hazardous to the environment.

Persistence and degradability No information available.
Bioaccumulative potential No information available.
Mobility No information available.
Other adverse effects No information available.
13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste from Residues / Unused Products
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging
Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Codes
(non-household setting)

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14. TRANSPORT INFORMATION

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propanol, 1(or 2)-(2-methoxymethylethoxy)-</td>
<td>34590-94-8</td>
<td>1.0</td>
</tr>
</tbody>
</table>

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC’s per the Clean Air Act:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>CAA (Clean Air Act) - 1990 Hazardous Air Pollutants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propanol, 1(or 2)-(2-methoxymethylethoxy)-</td>
<td>34590-94-8</td>
<td>X</td>
</tr>
</tbody>
</table>

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

California Proposition 65
This product is not subject to warning labeling under California Proposition 65.

U.S. State Regulations (RTK)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>New Jersey</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Propanol, 1(or 2)-(2-methoxymethylethoxy)- 34590-94-8 X

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Massachusetts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propanol, 1(or 2)-(2-methoxymethylethoxy)-</td>
<td>34590-94-8</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propanol, 1(or 2)-(2-methoxymethylethoxy)-</td>
<td>34590-94-8</td>
<td>X</td>
</tr>
<tr>
<td>Methoxyisopropanol</td>
<td>107-98-2</td>
<td>X</td>
</tr>
<tr>
<td>Dipropylene Glycol</td>
<td>25265-71-8</td>
<td>X</td>
</tr>
</tbody>
</table>

**International Inventories**

**United States**
All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

**Canada**
This product is in compliance with CEPA for import by P&G.

**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
CEPA - Canadian Environmental Protection Act

**16. OTHER INFORMATION**

**HMIS Ratings**

<table>
<thead>
<tr>
<th>Health hazard</th>
<th>Flammability</th>
<th>Physical hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Health hazard</th>
<th>Flammability</th>
<th>Instability</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

**Issuing Date:** 12-Feb-2015

**Revision Date:** 07-Apr-2015

**Disclaimer**
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of SDS