1. Product and Company Identification

Material name: P&G Pro Line Floor Sealer (11)
Product Code: 98668761
Version #: 05
Revision date: 10-22-2013
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: Inhalation. Ingestion. Skin contact. Eye contact.
   Eyes: May cause severe irritation to eyes.
   Skin: Contact with skin may cause irritation. Skin contact may aggravate an existing dermatitis.
   Inhalation: Can cause irritation to mucous membranes. May aggravate respiratory ailments.
   Ingestion: Harmful if swallowed. Can cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Potential environmental effects: Components of this product are hazardous to aquatic life. 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>DIBUTYL PHTHALATE</td>
<td>84-74-2</td>
<td>1-5</td>
</tr>
<tr>
<td>DIETHYLENE GLYCOL MONOBUTYL ETHER</td>
<td>112-34-5</td>
<td>1-5</td>
</tr>
<tr>
<td>ETHYLENE GLYCOL</td>
<td>107-21-1</td>
<td>1-5</td>
</tr>
</tbody>
</table>

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 irritation develops and persists.
   Skin contact: Remove contaminated clothes and rinse skin thoroughly with water. Continue to rinse for at least 15 minutes. Get medical attention if irritation develops and persists.
   Inhalation: Move to fresh air. Get medical attention if any discomfort continues.
   Ingestion: Rinse mouth. Drink 1 or 2 glasses of water.

5. Fire Fighting Measures

Environmental precautions: Prevent further leakage or spillage if safe to do so.
Extinguishing media


Protection of firefighters

Suitable extinguishing media

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Auto-ignition temperature

643.25 °F (339.58 °C) estimated

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.

Clean-up methods and materials

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.

7. Handling and Storage

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 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>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIBUTYL PHTHALATE (84-74-2)</td>
<td>TWA</td>
<td>5 mg/m3</td>
<td></td>
</tr>
<tr>
<td>DIETHYLENE GLYCOL MONOBUTYL ETHER (112-34-5)</td>
<td>TWA</td>
<td>10 ppm</td>
<td>Inhalable fraction and vapor.</td>
</tr>
<tr>
<td>ETHYLENE GLYCOL (107-21-1)</td>
<td>Ceiling</td>
<td>100 mg/m3</td>
<td>Aerosol.</td>
</tr>
</tbody>
</table>

Engineering controls

Provide adequate ventilation. Provide easy access to water supply and eye wash facilities.

Personal protective equipment

Eye / face protection
If risk of splashing, wear safety goggles or face shield.

Skin protection
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
White.

Form
Liquid.

Odor
Scented

pH
8

Melting point
-48.4 °F (-44.647977528 °C) estimated

Freezing point
-48.4 °F (-44.647977528 °C) estimated

Boiling point
212 °F (100 °C)

Flash point
>= 201.00 °F (>= 93.89 °C)

Evaporation rate
Not available.

Vapor pressure
27.487612099 hPa estimated

Specific gravity
1.02
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solubility (water)</td>
<td>Complete</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not available</td>
</tr>
<tr>
<td>VOC</td>
<td>4.9 % estimated</td>
</tr>
<tr>
<td>Percent volatile</td>
<td>85 %</td>
</tr>
<tr>
<td>Density</td>
<td>1.00 g/cm³ estimated</td>
</tr>
</tbody>
</table>

### 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>ETHYLENE GLYCOL (107-21-1)</td>
<td>Acute Dermal LD50 Rabbit: 9530 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Cat: 1650 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Dog: 5500 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Dog: &gt; 8.81 g/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Guinea pig: 8.2 g/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Mouse: 14.6 g/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Rat: 5.89 g/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Other LD50 Mouse: 5.8 g/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Other LD50 Rat: 2800 mg/kg</td>
</tr>
<tr>
<td>DIETHYLENE GLYCOL MONOBUTYL ETHER (112-34-5)</td>
<td>Acute Dermal LD50 Rabbit: 2700 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Guinea pig: 2000 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Mouse: 2400 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Rabbit: 2200 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Rat: 4500 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Other LD50 Mouse: 850 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Other LD50 Rat: 500 mg/kg</td>
</tr>
<tr>
<td>DIBUTYL PHTHALATE (84-74-2)</td>
<td>Acute Dermal LD50 Rabbit: 4200 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Dermal LD50 Rabbit: 20 ml/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Inhalation LC50 Mouse: 25 mg/l 2 Hours</td>
</tr>
<tr>
<td></td>
<td>Acute Inhalation LC50 Rat: 15.68 mg/l 4 Hours</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Guinea pig: 10000 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Mouse: 4840 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Oral LD50 Rat: 6300 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Other LD50 Mouse: 720 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Other LD50 Mouse: 4 g/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Other LD50 Rat: 3050 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Acute Other LD50 Rat: 8 g/kg</td>
</tr>
</tbody>
</table>

**Sensitization**
Not available.

**Local effects**
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 of contents/container in accordance with local/regional/national/international 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

US CERCLA Hazardous Substances: Reportable quantity

DIBUTYL PHTHALATE (CAS 84-74-2) DIBUTYL PHTHALATE 10 lbs

ETHYLENE GLYCOL (CAS 107-21-1) ETHYLENE GLYCOL 5000 lbs

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

2-BUTOXYETHANOL PHOSPHATE (3:1); 1.0 % N230

TRI(BUTOXYETHYL) PHOSPHATE (CAS 78-51-3) 1.0 %

DIBUTYL PHTHALATE (CAS 84-74-2) 1.0 % N230

DIETHYLENE GLYCOL MONOBUTYL ETHER (CAS 112-34-5) 1.0 %

ETHYLENE GLYCOL (CAS 107-21-1) 1.0 %

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

2-BUTOXYETHANOL PHOSPHATE (3:1); Listed. N230

TRI(BUTOXYETHYL) PHOSPHATE (CAS 78-51-3) Listed.

DIBUTYL PHTHALATE (CAS 84-74-2) Listed. N230

DIETHYLENE GLYCOL MONOBUTYL ETHER (CAS 112-34-5) Listed.

ETHYLENE GLYCOL (CAS 107-21-1) Listed.

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 Yes
State regulations

ILL RTK
Contains no Illinois Right To Know toxic substances.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
DIBUTYL PHTHALATE (CAS 84-74-2) DI-N-BUTYL PHTHALATE (DBP)

US - California Proposition 65 - CRT: Listed date/Developmental toxin
DIBUTYL PHTHALATE (CAS 84-74-2) DI-N-BUTYL PHTHALATE (DBP)

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin
DIBUTYL PHTHALATE (CAS 84-74-2) DI-N-BUTYL PHTHALATE (DBP)

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin
DIBUTYL PHTHALATE (CAS 84-74-2) DI-N-BUTYL PHTHALATE (DBP)

DIBUTYL PHTHALATE (CAS 84-74-2) LISTED

DI-N-BUTYL PHTHALATE (CAS 84-74-2) DIBUTYL PHTHALATE
ETHYLENE GLYCOL (CAS 107-21-1) ETHYLENE GLYCOL
GLYCOL ETHERS (CAS 112-34-5) GLYCOL ETHERS
GLYCOL ETHERS (CAS 78-51-3) GLYCOL ETHERS

US - Massachusetts RTK - Substance: Listed substance
DIBUTYL PHTHALATE (CAS 84-74-2) LISTED
ETHYLENE GLYCOL (CAS 107-21-1) LISTED

US - New Jersey Community RTK (EHS Survey): Listed substance
2-BUTOXYETHANOL PHOSPHATE (3:1); LISTED GLYCOL ETHERS (EXCEPT SURFACTANTS)
TRI(BUTOXYETHYL) PHOSPHATE (CAS 78-51-3)
DIBUTYL PHTHALATE (CAS 84-74-2) LISTED DIBUTYL PHTHALATE
DIETHYLENE GLYCOL MONOButYL ETHER (CAS 112-34-5) LISTED GLYCOL ETHERS (EXCEPT SURFACTANTS)
ETHYLENE GLYCOL (CAS 107-21-1) LISTED ETHYLENE GLYCOL

US - New Jersey RTK - Hazardous substance
ETHYLENE GLYCOL (CAS 107-21-1) ETHYLENE GLYCOL
GLYCOL ETHERS (CAS 112-34-5) GLYCOL ETHERS
GLYCOL ETHERS (CAS 78-51-3) GLYCOL ETHERS

US - New Jersey RTK - Special Hazard: Listed substance
DIBUTYL PHTHALATE (CAS 84-74-2) DI-N-BUTYL PHTHALATE SPEC_HAZAROUS

US - New Jersey RTK - Substances: Listed substance
2-BUTOXYETHANOL PHOSPHATE (3:1); GLYCOL ETHERS LISTED
TRI(BUTOXYETHYL) PHOSPHATE (CAS 78-51-3)
DIBUTYL PHTHALATE (CAS 84-74-2) DI-N-BUTYL PHTHALATE LISTED
DIETHYLENE GLYCOL MONOButYL ETHER (CAS 112-34-5) GLYCOL ETHERS LISTED
ETHYLENE GLYCOL (CAS 107-21-1) ETHYLENE GLYCOL LISTED

US - Pennsylvania RTK - Hazardous Substances: Listed substance
2-BUTOXYETHANOL PHOSPHATE (3:1); LISTED
TRI(BUTOXYETHYL) PHOSPHATE (CAS 78-51-3)
DIBUTYL PHTHALATE (CAS 84-74-2) LISTED
DIETHYLENE GLYCOL MONOButYL ETHER (CAS 112-34-5) LISTED
ETHYLENE GLYCOL (CAS 107-21-1) LISTED

US - Rhode Island RTK - Hazardous Substances: Listed substance
2-BUTOXYETHANOL PHOSPHATE (3:1); LISTED
TRI(BUTOXYETHYL) PHOSPHATE (CAS 78-51-3)
DIBUTYL PHTHALATE (CAS 84-74-2) LISTED
DIETHYLENE GLYCOL MONOButYL ETHER (CAS 112-34-5) 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

<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: 1
Physical hazard: 0

NFPA ratings

Health: 1
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.