

# Procter & Gamble

## Professional<sup>®</sup>

### MATERIAL SAFETY DATA SHEET

#### 1. Product and Company Identification

**Material name** P&G Pro Line High Affinity Floor Finish  
**Product Code** 99716678  
**Version #** 03  
**Revision date** 11-01-2010  
**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** Ingestion. Inhalation. Skin contact. Eye contact.

**Eyes** Health injuries are not known or expected under normal use. Accidental exposure may cause transient irritation.

**Skin** Health injuries are not known or expected under normal use. Contact with skin may cause irritation.

**Inhalation** Health injuries are not known or expected under normal use. May be irritating. May aggravate respiratory ailments.

**Ingestion** Health injuries are not known or expected under normal use. 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

Components	CAS #	Percent
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	1-5
TRIBUTOXYETHYL PHOSPHATE	78-51-3	1-5
DIPROPYLENE GLYCOL N-PROPYL ETHER	29911-27-1	0.1-1

#### 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** Drink 1 or 2 glasses of water. Do not induce vomiting. 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 (CO<sub>2</sub>).

## 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.

## Hazardous combustion products

Irritating and/or toxic gases may be emitted upon the products decomposition.

## 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

### 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.

#### Respiratory protection

Not normally needed.

#### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

### Color

White

### Odor

Mild.

### Odor threshold

Not available.

### Physical state

Liquid.

### pH

8 - 9

### Melting point

Not available.

### Freezing point

Not available.

### Boiling point

212 °F (100 °C)

### Flash point

>= 210 °F (>= 98.9 °C)

### Evaporation rate

Not available.

### Vapor pressure

Not available.

### Specific gravity

1.024

### Solubility (water)

Dispersible

### Partition coefficient (n-octanol/water)

Not available

### VOC

≤ 1%

## 10. Chemical Stability & Reactivity Information

### Chemical stability

This is a stable material.

### Conditions to avoid

Keep from freezing.

### Hazardous decomposition products

Irritating and/or toxic gases may be emitted upon the products decomposition.

**Hazardous polymerization** Will not occur.

## 11. Toxicological Information

### Toxicological data

#### Components

#### Test Results

DIETHYLENE GLYCOL MONOETHYL ETHER (111-90-0)

Acute Dermal LD50 Guinea pig: 5900 mg/kg

Acute Dermal LD50 Mouse: 6000 mg/kg

Acute Dermal LD50 Rabbit: 8476 mg/kg

Acute Dermal LD50 Rat: 6000 mg/kg

Acute Oral LD50 Guinea pig: 3000 mg/kg

Acute Oral LD50 Mouse: 7248 mg/kg

Acute Oral LD50 Mouse: 6.58 g/kg

Acute Oral LD50 Rabbit: 3620 mg/kg

Acute Oral LD50 Rat: 1920 mg/kg

Acute Oral LD50 Rat: 5.54 g/kg

Acute Other LD50 Dog: 3 g/kg

Acute Other LD50 Mouse: 2300 mg/kg

Acute Other LD50 Mouse: 3.9 g/kg

Acute Other LD50 Rabbit: 0.9 g/kg

Acute Other LD50 Rat: 2200 mg/kg

Acute Other LD50 Rat: 2.9 g/kg

DIPROPYLENE GLYCOL N-PROPYL ETHER (29911-27-1)

Acute Dermal LD50 Rabbit: 5.66 ml/kg

TRIBUTOXYETHYL PHOSPHATE (78-51-3)

Acute Oral LD50 Rat: 1.62 ml/kg

Acute Oral LD50 Guinea pig: 3000 mg/kg

Acute Oral LD50 Rat: 3000 mg/kg

Acute Other LD50 Mouse: 180 mg/kg

**Sensitization** Not available.

**Chronic effects** Not available.

**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** Not applicable.

**Disposal instructions** Do not allow this material to drain into sewers/water supplies. 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 EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration**

DIETHYLENE GLYCOL MONOETHYL ETHER (CAS 111-90-0)	1.0 % N230
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TRIBUTOXYETHYL PHOSPHATE (CAS 78-51-3)	1.0 % N230
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**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance**

DIETHYLENE GLYCOL MONOETHYL ETHER (CAS 111-90-0)	Listed. N230
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TRIBUTOXYETHYL PHOSPHATE (CAS 78-51-3)	Listed. N230
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**CERCLA (Superfund) reportable quantity**

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<b>Hazard categories</b>	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
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<b>Section 302 extremely hazardous substance</b>	No
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<b>Section 311 hazardous chemical</b>	No
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**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**

DIETHYLENE GLYCOL MONOETHYL ETHER (CAS 111-90-0)	LISTED
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TRIBUTOXYETHYL PHOSPHATE (CAS 78-51-3)	LISTED
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**US - Pennsylvania RTK - Hazardous Substances: Listed substance**

DIETHYLENE GLYCOL MONOETHYL ETHER (CAS 111-90-0)	LISTED
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TRIBUTOXYETHYL PHOSPHATE (CAS 78-51-3)	LISTED
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**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 &amp; 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**

<b>HMIS® ratings</b>	Health: 1 Flammability: 1 Physical hazard: 0
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<b>NFPA ratings</b>	Health: 1 Flammability: 1 Instability: 0
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**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.