

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name P&G Pro Line Principal Floor Finish
Product Code 99716680
Version # 04
Revision date 10-22-2013
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 minimal.

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-BUTYL ETHER	29911-28-2	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 ₂).
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.
Auto-ignition temperature	400 °F (204.44 °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. 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
Form	Liquid.
Odor	Mild.
pH	8 - 9
Melting point	-75 °F (-59.435897436 °C) estimated
Freezing point	-75 °F (-59.435897436 °C) estimated
Boiling point	212 °F (100 °C)
Flash point	>= 210.00 °F (>= 98.89 °C)
Evaporation rate	Not available.
Vapor pressure	29.244945488 hPa estimated
Specific gravity	1.017
Solubility (water)	Dispersible
Partition coefficient (n-octanol/water)	Not available
VOC	≤ 1%
Percent volatile	79.02 % estimated

Density 1.00 g/cm³ estimated

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
DIPROPYLENE GLYCOL N-BUTYL ETHER (29911-28-2)	Acute Inhalation LC50 0.05 mg/l
TRIBUTOXYETHYL PHOSPHATE (78-51-3)	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

TRIBUTOXYETHYL PHOSPHATE (CAS 78-51-3) 1.0 % N230

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

DIETHYLENE GLYCOL MONOETHYL ETHER (CAS 111-90-0) Listed. N230

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
 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 - Illinois Chemical Safety Act: Listed substance

GLYCOL ETHERS (CAS 111-90-0) GLYCOL ETHERS
 GLYCOL ETHERS (CAS 78-51-3) GLYCOL ETHERS

US - Massachusetts RTK - Substance: Listed substance

Contains no Massachusetts Right To Know substances.

US - New Jersey Community RTK (EHS Survey): Listed substance

DIETHYLENE GLYCOL MONOETHYL ETHER (CAS 111-90-0) LISTED GLYCOL ETHERS (EXCEPT SURFACTANTS)
 TRIBUTOXYETHYL PHOSPHATE (CAS 78-51-3) LISTED GLYCOL ETHERS (EXCEPT SURFACTANTS)

US - New Jersey RTK - Hazardous substance

GLYCOL ETHERS (CAS 111-90-0) GLYCOL ETHERS
 GLYCOL ETHERS (CAS 78-51-3) GLYCOL ETHERS

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) GLYCOL ETHERS LISTED
 TRIBUTOXYETHYL PHOSPHATE (CAS 78-51-3) GLYCOL ETHERS LISTED

US - Pennsylvania RTK - Hazardous Substances: Listed substance

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

US - Rhode Island RTK - Hazardous Substances: Listed substance

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

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

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.