

Procter&Gamble

Professional®

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name P&G Pro Line New Directions Floor Finish
Product Code 99716714
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
TRIBUTOXYETHYL PHOSPHATE	78-51-3	1-5
TRIPROPYLENE GLYCOL MONOMETHYL ETHER	25498-49-1	1-5
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	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 (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.

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**Occupational exposure limits****US. ACGIH Threshold Limit Values****Components****Type****Value**

DIPROPYLENE GLYCOL
METHYL ETHER
(34590-94-8)

STEL

150 ppm

TWA

100 ppm

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

DIPROPYLENE GLYCOL
METHYL ETHER
(34590-94-8)

PEL

100 ppm

600 mg/m3

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
TRIPROPYLENE GLYCOL MONOMETHYL ETHER (25498-49-1)	Acute Inhalation LC50 0.05 mg/l
DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)	Acute Dermal LD50 Rabbit: 9.5 g/kg Acute Oral LD50 Rat: 5.4 ml/kg Acute Oral LD50 Rat: 5.35 g/kg
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.
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US ACGIH Threshold Limit Values: Skin designation

DIPROPYLENE GLYCOL METHYL ETHER (CAS 34590-94-8)	Can be absorbed through the skin.
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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.
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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 TSCA Section 12(b) Export Notification: Export Notification requirement/De minimis concentration

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

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

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

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

TRIBUTOXYETHYL PHOSPHATE (CAS 78-51-3) Listed. N230

CERCLA (Superfund) reportable quantity

None

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 - 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

DIPROPYLENE GLYCOL METHYL ETHER (CAS 34590-94-8) LISTED

TRIBUTOXYETHYL PHOSPHATE (CAS 78-51-3) LISTED

US - Pennsylvania RTK - Hazardous Substances: Listed substance

DIPROPYLENE GLYCOL METHYL ETHER (CAS 34590-94-8) LISTED

TRIBUTOXYETHYL PHOSPHATE (CAS 78-51-3) LISTED

US - Rhode Island RTK - Hazardous Substances: Listed substance

DIPROPYLENE GLYCOL METHYL 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.

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.