

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

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

Components	CAS #	Percent
DIBUTYL PHTHALATE	84-74-2	1-5
DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5	1-5
ETHYLENE GLYCOL	107-21-1	1-5

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

Suitable extinguishing media Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Protection of firefighters

Protective equipment and precautions for firefighters 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 and containment measures 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

Components	Type	Value	Form
DIBUTYL PHTHALATE (84-74-2)	TWA	5 mg/m ³	
DIETHYLENE GLYCOL MONOBUTYL ETHER (112-34-5)	TWA	10 ppm	Inhalable fraction and vapor.
ETHYLENE GLYCOL (107-21-1)	Ceiling	100 mg/m ³	Aerosol.

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

Solubility (water)	Complete
Partition coefficient (n-octanol/water)	Not available
VOC	4.9 % estimated
Percent volatile	85 %
Density	1.00 g/cm ³ estimated

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

Components

Test Results

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

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)

US CERCLA Hazardous Substances: Reportable quantity
DIBUTYL PHTHALATE 10 lbs

ETHYLENE GLYCOL (CAS 107-21-1)

US CERCLA Hazardous Substances: Reportable quantity
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)

DIBUTYL PHTHALATE (CAS 84-74-2)

1.0 %

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

1.0 % N230

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)

DIBUTYL PHTHALATE (CAS 84-74-2)

Listed.

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

Listed. N230

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

ILLRTK

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)

US - Connecticut Hazardous Material Survey: Listed substance

DIBUTYL PHTHALATE (CAS 84-74-2) LISTED

US - Illinois Chemical Safety Act: Listed substance

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

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.