

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 # 04
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 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.

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/m3	
ETHYLENE GLYCOL (107-21-1)	TWA	100 mg/m3	Aerosol.

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

Components	Type	Value
DIBUTYL PHTHALATE (84-74-2)	PEL	5 mg/m3

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.

Odor

Scented

Odor threshold

Not available.

Physical state

Liquid.

pH

8

Melting point

Not available.

Freezing point

Not available.

Boiling point

212 °F (100 °C)

Flash point

>= 201 °F (>= 93.9 °C)

Evaporation rate

Not available.

Vapor pressure

Not available.

Specific gravity

1.02

Solubility (water)

Complete

Partition coefficient (n-octanol/water)

Not available

VOC

4.9 % estimated

Percent volatile 85 %

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 Acute Dermal LD50 Rabbit: 2700 mg/kg
DIETHYLENE GLYCOL MONOBUTYL ETHER (112-34-5)	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 Acute Dermal LD50 Rabbit: 4200 mg/kg
DIBUTYL PHTHALATE (84-74-2)	Acute Dermal LD50 Rabbit: 20 ml/kg Acute Inhalation LC50 Mouse: 25 mg/l 2.00 Hours Acute Inhalation LC50 Rat: 15.68 mg/l 4.00 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 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.

CERCLA (Superfund) reportable quantity

DIBUTYL PHTHALATE: 10.0000
ETHYLENE GLYCOL: 5000.0000

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 - Massachusetts RTK - Substance: Listed substance

DIBUTYL PHTHALATE (CAS 84-74-2) LISTED
ETHYLENE GLYCOL (CAS 107-21-1) LISTED

US - New Jersey RTK - Special Hazard: Listed substance

Contains no New Jersey Right To Know special hazards.

US - New Jersey RTK - 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 - 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

DIBUTYL PHTHALATE (CAS 84-74-2)	LISTED
ETHYLENE GLYCOL (CAS 107-21-1)	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.