

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name P&G Pro Line General Use Carpet Spot Remover (20)
Product Code 98668764
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 Inhalation. Ingestion. Skin contact. Eye contact.
Eyes Health injuries are not known or expected under normal use. Accidental exposure will cause a mild to moderate transient irritation.
Skin Health injuries are not known or expected under normal use. Contact with skin may cause irritation. Skin contact may aggravate an existing dermatitis.
Inhalation Health injuries are not known or expected under normal use. May be irritating.
Ingestion Health injuries are not known or expected under normal use. Harmful if swallowed. 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
PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	1-5
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	0.5 - 1.5
PROPYLENE GLYCOL PHENYL ETHER	770-35-4	0.5 - 1.5

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 immediately.
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 Rinse mouth thoroughly. Drink 1 or 2 glasses of water. Never give liquid to an unconscious person. Get medical attention immediately.

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
PROPYLENE GLYCOL MONOMETHYL ETHER (107-98-2)	TWA	100 ppm
	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

Clear.

Odor

Fresh

Odor threshold

Not available.

Physical state

Liquid.

pH

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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
Solubility (water)	100
Partition coefficient (n-octanol/water)	Not available
VOC	0.011 % estimated
Percent volatile	91.129 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability	This is a stable material.
Conditions to avoid	Keep from freezing. Do not mix with other chemicals.
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

PROPYLENE GLYCOL MONOMETHYL ETHER (107-98-2)	Acute Dermal LD50 Rabbit: 13 g/kg Acute Inhalation LC50 Guinea pig: 15000 mg/l 10.00 Hours Acute Inhalation LC50 Rat: 54.6 mg/l 4.00 Hours Acute Oral LD50 Dog: 4.6 g/kg Acute Oral LD50 Mouse: 10.8 g/kg Acute Oral LD50 Rabbit: 5.3 g/kg Acute Oral LD50 Rat: 5.71 g/kg Acute Other LD50 Dog: 1.8 g/kg Acute Other LD50 Mouse: 4.9 g/kg Acute Other LD50 Rabbit: 1.1 g/kg Acute Other LD50 Rat: 3.9 g/kg
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
PROPYLENE GLYCOL PHENYL ETHER (770-35-4)	Acute Inhalation LC50 3 mg/l

Sensitization Not available.

US ACGIH Threshold Limit Values: Skin designation

DIPROPYLENE GLYCOL METHYL ETHER (CAS 34590-94-8) Can be absorbed through the skin.

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

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.

CERCLA (Superfund) reportable quantity

PROPYLENE GLYCOL MONOMETHYL ETHER: 100.0000

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

No

State regulations**ILLRTK**

Contains no Illinois Right To Know toxic substances.

US - Massachusetts RTK - Substance: Listed substance

PROPYLENE GLYCOL MONOMETHYL ETHER (CAS LISTED
107-98-2)

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 LISTED
34590-94-8)

PROPYLENE GLYCOL MONOMETHYL ETHER (CAS LISTED
107-98-2)

US - Pennsylvania RTK - Hazardous Substances: Listed substance

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

PROPYLENE GLYCOL MONOMETHYL ETHER (CAS LISTED
107-98-2)

US - Rhode Island RTK - Hazardous Substances: Listed substance

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

PROPYLENE GLYCOL MONOMETHYL ETHER (CAS LISTED
107-98-2)

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	No

*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.