

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name P&G Pro Line Floor Finish Stripper (10) - Concentrate
Product Code 98668771
Version # 04
Revision date 04-12-2011
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 Accidental exposure will cause a mild to moderate transient irritation.
Skin Substance causes moderate skin irritation.
Inhalation May be irritating.
Ingestion Irritating to mucous membranes. Ingestion may 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 |
|------------------|----------|---------|
| 2-PHENOXYETHANOL | 122-99-6 | 10-30 |
| 2-AMINOETHANOL | 141-43-5 | 5-10 |

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 or persists.
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. Call a physician if symptoms develop or persist.
Ingestion Immediately give large quantities of water to drink. 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. 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. Do not contaminate water.

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. Store away from: Acids. Keep from freezing.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|------------------------------|------|------------|
| 2-AMINOETHANOL (141-43-5) | STEL | 6.0000 ppm |
| | TWA | 3.0000 ppm |

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

| Components | Type | Value |
|------------------------------|------|--------------------------|
| 2-AMINOETHANOL (141-43-5) | PEL | 3.0000 ppm |
| | | 6.0000 mg/m ³ |

Engineering controls

Provide adequate ventilation. Provide easy access to water supply and eye wash facilities.

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. Recommended gloves include rubber or neoprene.

Respiratory protection

Not normally needed.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Color

Colorless to light yellow.

Odor

Citrus

Odor threshold

Not available.

Physical state

Liquid.

pH

10.8 - 11.1 (10% solution)

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

1.04

Solubility (water)

<= 100 (Miscible with water. Contains small amounts of insoluble, colloidal size particles)

Partition coefficient (n-octanol/water)

Not available

VOC 29.7 % estimated
Percent volatile 77.1 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability This is a stable material.
Conditions to avoid Do not store near acids. Do not mix with other chemicals.
Hazardous decomposition products No hazardous decomposition products are known.
Hazardous polymerization Will not occur.

11. Toxicological Information

Toxicological data

Components

Test Results

| | |
|-----------------------------|--|
| 2-PHENOXYETHANOL (122-99-6) | Acute Oral LD50 Mouse: 16500 mg/kg |
| 2-AMINOETHANOL (141-43-5) | Acute Oral LD50 Rat: 1260 mg/kg Acute Dermal LD50 Rabbit: 1025 mg/kg Acute Oral LD50 Guinea pig: 620 mg/kg Acute Oral LD50 Mouse: 700 mg/kg Acute Oral LD50 Rat: 10.2 g/kg Acute Other LD50 Mouse: 50 mg/kg Acute Other LD50 Rat: 67 mg/kg |

Sensitization Not available.
Local effects Contact with eyes may cause irritation.
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 in accordance with all applicable regulations.

14. Transport Information

DOT

Basic shipping requirements:

Proper shipping name Corrosive liquid, basic, inorganic, n.o.s. (2-aminoethanol), LTD QTY
[may be shipped as CONSUMER COMMODITY ORM-D through 12/31/2013]

Hazard class 8
UN number 3266
Packing group III

Additional information:

ERG number 154

IMDG

Basic shipping requirements:

Proper shipping name Corrosive liquid, basic, inorganic, n.o.s. (2-AMINOETHANOL), LTD QTY

Hazard class 8
UN number 3266
Packing group III
Marine pollutant Yes

IATA

Basic shipping requirements:

| | |
|-----------------------------|--|
| Proper shipping name | Corrosive liquid, basic, inorganic, n.o.s. (2-AMINOETHANOL), LTD QTY |
| Hazard class | 8 |
| UN number | 3266 |
| Packing group | III |

Notes DO NOT SHIP BY AIR. Does not meet packaging requirements for air shipments.

The 5-gallon package of this product may NOT be shipped as a Limited Quantity or Consumer Commodity

15. Regulatory Information

US federal regulations

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

2-PHENOXYETHANOL (CAS 122-99-6) 1.0 % N230

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

2-PHENOXYETHANOL (CAS 122-99-6) Listed. N230

CERCLA (Superfund) reportable quantity

None

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 - Connecticut Hazardous Material Survey: Listed substance

2-AMINOETHANOL (CAS 141-43-5) LISTED

US - Massachusetts RTK - Substance: Listed substance

2-AMINOETHANOL (CAS 141-43-5) LISTED

US - New Jersey RTK - Special Hazard: Listed substance

2-AMINOETHANOL (CAS 141-43-5) SPEC_HAZAROUS

US - New Jersey RTK - Substances: Listed substance

2-AMINOETHANOL (CAS 141-43-5) LISTED

2-PHENOXYETHANOL (CAS 122-99-6) LISTED

US - Pennsylvania RTK - Hazardous Substances: Listed substance

2-AMINOETHANOL (CAS 141-43-5) LISTED

2-PHENOXYETHANOL (CAS 122-99-6) LISTED

US - Rhode Island RTK - Hazardous Substances: Listed substance

2-AMINOETHANOL (CAS 141-43-5) 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: 3*
Flammability: 1
Physical hazard: 0

NFPA ratings

Health: 3
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.