

# Procter&Gamble

## Professional®

### MATERIAL SAFETY DATA SHEET

#### 1. Product and Company Identification

**Material name** PGP Dawn Power Dissolver  
**Product Code** 95077619  
**Version #** 06  
**Revision date** 10-26-2011  
**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

Accidental exposure will cause a moderate but transient irritation.

###### Skin

Moderately irritating to skin with prolonged exposure.

###### Inhalation

Irritating to mucous membranes.

###### 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-AMINOETHANOL	141-43-5	3-7
SODIUM HYDROXIDE	1310-73-2	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 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. Rinse nose and mouth with water. Call a physician if symptoms develop or 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. 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. Avoid contact with skin. 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
2-AMINOETHANOL (141-43-5)	STEL	6 ppm
	TWA	3 ppm
SODIUM HYDROXIDE (1310-73-2)	TWA	2 mg/m3

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

Components	Type	Value
2-AMINOETHANOL (141-43-5)	PEL	3 ppm
		6 mg/m3
SODIUM HYDROXIDE (1310-73-2)	PEL	2 mg/m3

**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**

Cloudy.

**Odor**

Scented

**Odor threshold**

Not available.

**Physical state**

Liquid.

**pH**

13

**Melting point**

Not available.

**Freezing point**

Not available.

<b>Boiling point</b>	Not available.
<b>Flash point</b>	180 °F (82.2 °C)
<b>Evaporation rate</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Specific gravity</b>	1.03 - 1.06
<b>Solubility (water)</b>	Miscible
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>VOC</b>	10.02 % estimated
<b>Percent volatile</b>	68.69 % estimated

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	This is a stable material.
<b>Conditions to avoid</b>	Avoid contact with acids.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.
<b>Hazardous polymerization</b>	Will not occur.

## 11. Toxicological Information

### Toxicological data

Components	Test Results
SODIUM HYDROXIDE (1310-73-2)	Acute Other LD50 Mouse: 40 mg/kg
2-AMINOETHANOL (141-43-5)	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
<b>Sensitization</b>	Not available.
<b>Acute effects</b>	This chemical may cause skin/eye irritation.
<b>Local effects</b>	Irritating to respiratory system. Irritating to eyes and skin.
<b>Chronic effects</b>	Hazardous by OSHA criteria.

## 12. Ecological Information

<b>Environmental effects</b>	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

<b>Waste codes</b>	D002: Waste Corrosive material [pH ≤2 or ≥12.5, or corrosive to steel]
<b>Disposal instructions</b>	This material and its container must be disposed of as hazardous waste. Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. 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, SODIUM HYDROXIDE), LTD QTY  
[may be shipped as CONSUMER COMMODITY ORM-D through 12/31/2013]

**Hazard class** 8

**UN number** 3266

**Packing group** II

**Additional information:**

**ERG number** 154

### IMDG

#### Basic shipping requirements:

**Proper shipping name** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.(2-AMINOETHANOL, SODIUM HYDROXIDE), LTD QTY

**Hazard class** 8

**UN number** 3266

**Packing group** II

### IATA

#### Basic shipping requirements:

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

**Hazard class** 8

**UN number** 3266

**Packing group** II

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

## 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 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

SODIUM HYDROXIDE: 1000

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - Yes  
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 - Connecticut Hazardous Material Survey: Listed substance

2-AMINOETHANOL (CAS 141-43-5) LISTED  
SODIUM HYDROXIDE (CAS 1310-73-2) LISTED

**US - Illinois Chemical Safety Act: Listed substance**

GLYCOL ETHERS (CAS 122-99-6)	GLYCOL ETHERS
SODIUM HYDROXIDE (CAS 1310-73-2)	SODIUM HYDROXIDE

**US - Massachusetts RTK - Substance: Listed substance**

2-AMINOETHANOL (CAS 141-43-5)	LISTED
SODIUM HYDROXIDE (CAS 1310-73-2)	LISTED

**US - New Jersey Community RTK (EHS Survey): Listed substance**

2-PHENOXYETHANOL (CAS 122-99-6)	LISTED GLYCOL ETHERS (EXCEPT SURFACTANTS)
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**US - New Jersey RTK - Hazardous substance**

GLYCOL ETHERS (CAS 122-99-6)	GLYCOL ETHERS
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**US - New Jersey RTK - Special Hazard: Listed substance**

2-AMINOETHANOL (CAS 141-43-5)	ETHANOLAMINE SPEC_HAZAROUS
SODIUM HYDROXIDE (CAS 1310-73-2)	SODIUM HYDROXIDE SPEC_HAZAROUS

**US - New Jersey RTK - Substances: Listed substance**

2-AMINOETHANOL (CAS 141-43-5)	ETHANOLAMINE LISTED
2-PHENOXYETHANOL (CAS 122-99-6)	GLYCOL ETHERS LISTED
SODIUM HYDROXIDE (CAS 1310-73-2)	SODIUM HYDROXIDE LISTED

**US - Pennsylvania RTK - Hazardous Substances: Listed substance**

2-AMINOETHANOL (CAS 141-43-5)	LISTED
2-PHENOXYETHANOL (CAS 122-99-6)	LISTED
SODIUM HYDROXIDE (CAS 1310-73-2)	LISTED

**US - Rhode Island RTK - Hazardous Substances: Listed substance**

2-AMINOETHANOL (CAS 141-43-5)	LISTED
SODIUM HYDROXIDE (CAS 1310-73-2)	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: 2  
Flammability: 2  
Physical hazard: 0

**NFPA ratings**

Health: 3  
Flammability: 2  
Instability: 0  
Special hazards:

**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.