

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name PGP Dawn Power Dissolver
Product Code 95077619
Version # 04
Revision date 04-05-2011
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 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	6.0000 ppm
SODIUM HYDROXIDE (1310-73-2)	TWA	3.0000 ppm
	TWA	2.0000 mg/m ³

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
SODIUM HYDROXIDE (1310-73-2)	PEL	6.0000 mg/m ³
		2.0000 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	Cloudy.
Odor	Scented
Odor threshold	Not available.
Physical state	Liquid.
pH	13
Melting point	Not available.
Freezing point	Not available.
Boiling point	Not available.
Flash point	180 °F (82.2 °C)
Evaporation rate	Not available.
Vapor pressure	Not available.
Specific gravity	1.03 - 1.06

Solubility (water)	Miscible
Partition coefficient (n-octanol/water)	Not available
VOC	10.02 % estimated
Percent volatile	68.69 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability	This is a stable material.
Conditions to avoid	Avoid contact with acids.
Hazardous decomposition products	No hazardous decomposition products are known.
Hazardous polymerization	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

Sensitization	Not available.
Acute effects	This chemical may cause skin/eye irritation.
Local effects	Irritating to respiratory system. Irritating to eyes and skin.
Chronic effects	Hazardous by OSHA criteria.

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.
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13. Disposal Considerations

Waste codes	D002: Waste Corrosive material [pH <=2 or =>12.5, or corrosive to steel]
Disposal instructions	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
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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: 1000.0000

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 - Massachusetts RTK - Substance: Listed substance

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

US - New Jersey RTK - Special Hazard: Listed substance

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

US - New Jersey RTK - 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 - 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: 3*
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.