

Procter&Gamble

Professional®

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name PGP Dawn Power Dissolver
Product Code 95077619
Version # 09
Revision date 10-03-2012
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.

NOTE: An exposure risk assessment has been conducted on this product as used in the workplace. The risk assessment has determined that, when the product is used according to the manufacturer's use instructions, there should be very minimal to no risk of exposure to the product by any route.

Eyes

Contact is highly unlikely when product is used according to instructions. Accidental exposure may cause moderate but transient irritation.

Skin

Moderately irritating to skin with prolonged exposure.

Inhalation

Prolonged exposure to vapors may cause irritation.

Ingestion

Harmful if swallowed. 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 minimal.

3. Composition / Information on Ingredients

Components	CAS #	Percent
2-AMINOETHANOL	141-43-5	3-7

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**

RCRA Hazardous Waste

Prevent further leakage or spillage. Do not contaminate water sources or sewer.

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 self-contained breathing apparatus (SCBA) and full turnout gear (Bunker gear).

6. Accidental Release Measures**Personal precautions**

Large Spills: If prolonged contact is expected, wearing of waterproof gloves and eye protection is recommended.

Environmental precautions

RCRA Hazardous Waste

Prevent further leakage or spillage. Do not contaminate water sources or sewer.

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. After the bulk of the material has been cleaned up, flush the area with water.

7. Handling and Storage**Handling**

Do not spray towards face. Avoid contact with eyes and prolonged skin contact. Use this product with adequate ventilation. Turn nozzle off between uses. Wash hands after handling.

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

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

2-AMINOETHANOL
(141-43-5)

PEL

6 mg/m3

3 ppm

Engineering controls

Provide adequate ventilation.

Personal protective equipment**Eye / face protection**

Not required if product is used according to usage instructions.

Skin protection

Not normally needed. If sensitive to cleaning solutions, wearing of waterproof gloves is recommended.

Respiratory protection

Not required if product is used according to usage instructions.

9. Physical & Chemical Properties**Color**

Cloudy.

Form

Liquid.

Odor

Scented

pH

13

Melting point

Not available.

Freezing point	Not available.
Boiling point	Not available.
Flash point	> 180.00 °F (> 82.22 °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	84.52 % 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
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	May cause irritation of respiratory tract. May irritate eyes and skin.
Chronic effects	Not expected.

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

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

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

US - Illinois Chemical Safety Act: Listed substance

GLYCOL ETHERS (CAS 122-99-6) GLYCOL ETHERS

US - Massachusetts RTK - Substance: Listed substance

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

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

2-PHENOXYETHANOL (CAS 122-99-6)

LISTED GLYCOL ETHERS (EXCEPT SURFACTANTS)

US - New Jersey RTK - Hazardous substance

GLYCOL ETHERS (CAS 122-99-6)

GLYCOL ETHERS

US - New Jersey RTK - Special Hazard: Listed substance

2-AMINOETHANOL (CAS 141-43-5)

ETHANOLAMINE 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

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: 2

Flammability: 2

Physical hazard: 0

NFPA ratings

Health: 2

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.