

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Dawn Liquid Detergent for Power Wash Sinks - concentrate
Product Code 15152839
Version # 05
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 Ingestion. Inhalation. Skin contact. Eye contact.
Eyes May cause moderate but transient eye irritation.
Skin May cause transient irritation. Prolonged or repeated contact may be drying to skin.
Inhalation May be irritating.
Ingestion 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-AMINO-2-METHYLPROPANOL	124-68-5	3-7
SODIUM HYDROXIDE	1310-73-2	0.1-1

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 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 Drink 1 or 2 glasses of water. Never give liquid to an unconscious person. Do not induce vomiting without advice from poison control center. Get medical attention if any discomfort continues.

5. Fire Fighting Measures

Environmental precautions Prevent further leakage or spillage if safe to do so.

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.

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. Keep from freezing.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value
SODIUM HYDROXIDE (1310-73-2)	TWA	2.0000 mg/m3

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

Components	Type	Value
SODIUM HYDROXIDE (1310-73-2)	PEL	2.0000 mg/m3

Engineering controls

Provide adequate ventilation.

Personal protective equipment

Eye / face protection

Not normally needed.

Skin protection

Not normally needed. For prolonged or repeated skin contact use suitable protective gloves.

Respiratory protection

Not normally needed.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Color	Light yellow.
Odor	Scented
Odor threshold	Not available.
Physical state	Liquid.
pH	12.45 - 12.85
Melting point	Not available.
Freezing point	Not available.
Boiling point	Not available.
Flash point	>= 201 °F (>= 93.9 °C)
Evaporation rate	Not available.
Vapor pressure	Not available.
Specific gravity	1.03
Solubility (water)	Complete
Partition coefficient (n-octanol/water)	Not available
VOC	Not available.
Percent volatile	85 % estimated

10. Chemical Stability & Reactivity Information

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

11. Toxicological Information

Toxicological data

Components	Test Results
2-AMINO-2-METHYLPROPANOL (124-68-5)	Acute Oral LC50 Mouse: 2150 mg/kg
SODIUM HYDROXIDE (1310-73-2)	Acute Other LD50 Mouse: 40 mg/kg
Sensitization	Not available.
Acute effects	May cause skin and eye irritation.
Chronic effects	Not available.
Skin corrosion/irritation	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. Dispose of contents/container in accordance with local/regional/national/international regulations.

14. Transport Information

DOT

Basic shipping requirements:

Proper shipping name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (2-AMINO-2-METHYLPROPANOL , SODIUM HYDROXIDE), LTD QTY [may be shipped as a 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-AMINO-2-METHYLPROPANOL, SODIUM HYDROXIDE), LTD QTY
Hazard class	8
UN number	3266
Packing group	III

IATA

Basic shipping requirements:

Proper shipping name	Corrosive liquid, basic, inorganic, n.o.s. (2-AMINO-2-METHYLPROPANOL, SODIUM HYDROXIDE), 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.

15. Regulatory Information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
 Delayed Hazard - No
 Fire Hazard - No
 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

SODIUM HYDROXIDE (CAS 1310-73-2) LISTED

US - Massachusetts RTK - Substance: Listed substance

2-AMINO-2-METHYLPROPANOL (CAS 124-68-5) LISTED

US - New Jersey RTK - Special Hazard: Listed substance

SODIUM HYDROXIDE (CAS 1310-73-2) SPEC_HAZAROUS

US - New Jersey RTK - Substances: Listed substance

SODIUM HYDROXIDE (CAS 1310-73-2) LISTED

US - Pennsylvania RTK - Hazardous Substances: Listed substance

2-AMINO-2-METHYLPROPANOL (CAS 124-68-5) LISTED

SODIUM HYDROXIDE (CAS 1310-73-2) LISTED

US - Rhode Island RTK - Hazardous Substances: Listed substance

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: 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.