

# SAFETY DATA SHEET



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Version 2

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## 1. IDENTIFICATION

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Product Name	Dawn Professional® Heavy Duty Degreaser
Product Code(s)	6-10
Product ID:	15154367_PROF_NG
Product Type:	Finished Product - Professional Use Only
Recommended Use	Degreaser
Restrictions on Use	Use only as directed on label.
Manufacturer	Procter & Gamble Professional 2 P&G Plaza Cincinnati, Ohio 45202  Procter & Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5  1-800-332-7787
E-mail Address	pgsds.im@pg.com
Emergency Telephone	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531

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## 2. HAZARD IDENTIFICATION

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This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:

Hazard Category

Eye Damage / Irritation                      Category 2A

Signal Word                                      WARNING

Hazard Statements                              Causes serious eye irritation

Hazard pictograms

Precautionary Statements -  
Prevention

None

Precautionary Statements -  
Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention  
IF SWALLOWED:  
Drink 1 or 2 glasses of water

Precautionary Statements -  
Storage

None

Precautionary Statements -  
Disposal

Dispose of contents/container in accordance with local regulation

Hazards not otherwise classified  
(HNOC)

None

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Hazardous ingredients

None.

Chemical Name	Synonyms	Trade Secret	CAS-No	Weight %
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	-	No	112-34-5	5 - 10
Benzenesulfonic acid, (1-methylethyl)-, sodium salt (1: 1)	-	No	28348-53-0	5 - 10
Tetrasodium ethylenediaminetetraacetate	-	No	64-02-8	1 - 5
Sodium carbonate	-	No	497-19-8	1 - 5
Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	-	No	68081-81-2	1 - 5

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### 4. FIRST AID MEASURES

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First aid measures for different exposure routes

Eye contact

Rinse with plenty of water. Get medical attention immediately if irritation persists.

Skin contact

Rinse with plenty of water. Get medical attention if irritation develops and persists.

Ingestion

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.



Indication of immediate medical attention and special treatment needed, if necessary Notes to Physician      Treat symptomatically.

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## 5. FIRE-FIGHTING MEASURES

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Suitable extinguishing media	Dry chemical, CO <sub>2</sub> , alcohol-resistant foam or water spray.
Unsuitable Extinguishing Media	None.
Special hazard	None known.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific hazards arising from the chemical	None.

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## 6. ACCIDENTAL RELEASE MEASURES

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### Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment. Do not get in eyes, on skin, or on clothing.
Advice for emergency responders	Use personal protective equipment as required.

### Methods and materials for containment and cleaning up

Methods for containment	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
Methods for cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

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## 7. HANDLING AND STORAGE

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### Precautions for safe handling

Advice on safe 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 the reach of children.
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### Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible products	None known.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Control parameters

#### Exposure Guidelines

Chemical Name	CAS-No	ACGIH TLV	OSHA PEL	Mexico PEL
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	112-34-5	TWA: 10 ppm inhalable fraction and vapor		

No relevant exposure guidelines for other ingredients

#### Exposure controls

##### Engineering Measures

Distribution, Workplace and Household Settings:  
Ensure adequate ventilation

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):  
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

#### Personal Protective

##### Equipment Eye Protection

Distribution, Workplace and Household Settings:  
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):  
Use appropriate eye protection

##### Hand Protection

Distribution, Workplace and Household Settings:  
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):  
Protective gloves

##### Skin and Body Protection

Distribution, Workplace and Household Settings:  
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):  
Wear suitable protective clothing

##### Respiratory Protection

Distribution, Workplace and Household Settings:  
No special protective equipment required

Product Manufacturing Plant (needed at Product-Producing Plant ONLY):  
In case of insufficient ventilation wear suitable respiratory equipment

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical State @20°C	liquid
Appearance	purple
Odor	Scented
Odor threshold	No information available

<u>Property</u>	<u>Values</u>
pH value	10.4
Melting/freezing point	No information available
Boiling point/boiling range	No information available
Flash point	> 93.3 °C / > 200 °F
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limits in Air	
Upper flammability limit	No information available
Lower Flammability Limit	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	1.12
Water solubility	100%
Solubility in other solvents	No information available

Partition coefficient: n-octanol/water No information available  
 Autoignition temperature No information available  
 Decomposition temperature No information available  
 Viscosity of Product No information available

VOE Content (%) Products comply with US state and federal regulations for VOC content in consumer products.

## 10. STABILITY AND REACTIVITY

Reactivity None under normal use conditions.  
 Stability Stable under normal conditions.  
 Hazardous polymerization Hazardous polymerization does not occur.  
 Hazardous Reactions None under normal processing.  
 Conditions to Avoid None under normal processing.  
 Materials to avoid None in particular.

Hazardous Decomposition Products None under normal use.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

Information on likely routes of exposure

Inhalation No known effect.  
 Skin contact No known effect.  
 Ingestion No known effect.  
 Eye contact Causes serious eye irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity No known effect.  
 Skin corrosion/irritation No known effect.  
 Serious eye damage/eye irritation Causes serious eye irritation.  
 Skin sensitization No known effect.  
 Respiratory sensitization No known effect.  
 Germ cell mutagenicity No known effect.  
 Neurological Effects No known effect.  
 Reproductive toxicity No known effect.  
 Developmental toxicity No known effect.  
 Teratogenicity No known effect.  
 STOT - single exposure No known effect.  
 STOT - repeated exposure No known effect.  
 Target Organ Effects No known effect.  
 Aspiration hazard No known effect.  
 Carcinogenicity No known effect.

### Component Information

Chemical Name	CAS-No	LOSO Oral	LOSO Dermal	LC50 Inhalation
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	112-34-5	2410 mg/kg (rat)	-	-
Benzenesulfonic acid, (1-methylethyl)-, sodium salt (1:1)	28348-53-0	5160.00 mg/kg (rat)	-	-

Tetrasodium ethylenediaminetetraacetate	64-02-8	> 1780 mg/kg bw	-	-
Sodium carbonate	497-19-8	2800 mg/kg bw (Guideline not indicated; rat)	> 2000 mg/kg bw (EPA 16 CFR 1500.40; rabbit)	-

Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts	68081-81-2	1090.00 mg/kg (rat)
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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not expected to be hazardous to the environment.

Persistence and degradability      No information available.

Bioaccumulative potential            No information available.

Mobility                                    No information available.

Other adverse effects                    No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment

Waste from Residues /Unused Products      Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging                Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Codes 331  
(non-household setting)

## 14. TRANSPORT INFORMATION

DOT                                        Not regulated

IMDG                                    Not regulated

IATA                                      Not regulated

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	SARA 313 - Threshold Values %
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	112-34-5	1.0

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material



Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act:

Chemical Name	CAS-No	CAA (Clean Air Act) -1990 Hazardous Air Pollutants
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	112-34-5	X

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**California Proposition 65**

This product is not subject to warning labeling under California Proposition 65.

**U.S. State Regulations (RTK)**

Chemical Name	CAS-No	New Jersey
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	112-34-5	X

Chemical Name	CAS-No	Pennsylvania
2-(2-Butoxyethoxy ethanol) Diethylene glycol monobutyl ether	112-34-5	X
2-Aminoethanol	141-43-5	X

**International Inventories****United States**

All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

**Canada**

This product is in compliance with CEPA for import by P&G.

**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

CEPA - Canadian Environmental Protection Act

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## 16. OTHER INFORMATION

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**HMIS Ratings**

Health hazard 2  
Flammability 1  
Physical hazard 0

**NFPA Ratings**

Health hazard 2  
Flammability 1  
Instability 0

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of SOS

