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Procter & Gamble
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PGC04853; 52-4853

MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 4/05, Reviewed 4/09

Issue Date: N/A

SECTION I - CHEMICAL PRODUCT

Identity: **Liquid Hard Surface Cleaner**

Brands: **DAWN Heavy Duty Degreaser (Professional Line)**

Hazard Rating: 1

Health: 1

4=EXTREME

Flammability: 0

3=HIGH

Reactivity: 0

2=MODERATE

1=SLIGHT

Emergency Telephone Number: - 1-800-332-7787 or call Local Poison Control Center

SECTION II - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Water, anionic surfactant, butyl carbitol, sodium citrate, sodium carbonate, sodium cumene sulfonate, tetrasodium EDTA, color and perfume

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Recommended Limits</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Sodium carbonate	Soda Ash	497-19-8	N/A	1-5%	LD50=1.86 g/kg LC50=N/A
Linear alkyl benzene sulfonate	C12.3 LAS	68081-81-2	N/A	1-4%	LD50=0.65-1.26 g/kg LC50=N/A
2-aminoethanol	Monoethanolamine	141-43-5	ACGIH TLV: 3ppm OSHA PEL: 3mg/m ³ OSHA STEL: 6 ppm (15 min)	0.1-1%	

SECTION III - HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

Ingestion: May cause mild mucous membrane irritation

Eye Contact: May cause mild eye irritation.

Inhalation: May cause mild mucous membrane irritation

Skin: May cause mild skin irritation

Signs and Symptoms of Exposure:

Ingestion: Possible mild gastrointestinal irritation with nausea, vomiting and/or diarrhea.

Eye Contact: Eye contact may result in transient, superficial effects similar to those produced by mild toilet soaps.

Skin: May cause mild skin irritation. Use on irritated or extremely dry skin may aggravate the existing condition.

Inhalation: N/A

SECTION IV - FIRST AID INFORMATION**Emergency and First Aid Procedures:**

Eye contact: Flush thoroughly with water for 15 minutes. Get medical attention if irritation persists.
 Skin: Rinse exposed area with soap and water and discontinue use..
 Ingestion: Dilute with fluids and treat symptomatically. For large ingestions, call a physician.
 Inhalation: Remove to fresh air.

Other: Product package has a caution statement: CAUTION: May cause eye irritation. EYE IRRITANT: Avoid eye contact. If eye contact occurs, flush with water for 15 minutes. If irritation persists, seek medical attention. If swallowed, drink a glass of water to dilute. Direct away from face and eyes when applying foam. KEEP OUT OF REACH OF CHILDREN

SECTION V - FIRE FIGHTING INFORMATION

Flash Point (Method Used): N/A **Explosive Limits:** LEL: N/A UEL: N/A
Extinguishing Media: CO₂, dry chemical, water, or "alcohol" foam.
Special Fire Fighting Procedures: Use water to keep fire exposed containers cool.
Unusual Fire Hazards: None known
Stability *Unstable:* *Conditions to Avoid:* None known
Stable: X
Incompatibility (Materials to Avoid): None known
Hazardous Decomposition/By Products: None known
Hazardous Polymerization: *May Occur:* *Conditions to Avoid:* None known
Will Not Occur: X

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: N/A
Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Small quantities may be slowly flushed down sewer with excess water or dispose as liquid scrap. Discard empty container in trash.
Steps To Be Taken in Case Material is Released or Spilled: Use water spray or dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak.

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken in Handling and Storing: Store in a cool, dry, well ventilated area.
Other Precautions: None known

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection (Specify Type): None required with normal use.
Ventilation *Local Exhaust:* Not necessary. *Special:* None
Mechanical (General): Acceptable. *Other:* None
Eye Protection: Consider use of eye protection when splash potential is likely.
Protective Gloves: Wearing of gloves [rubber, neoprene] is recommended for prolonged or repeated contact.
Other Protective Equipment: None required with normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**Boiling Point °F:** N/A**Vapor Pressure (mm Hg):** N/A**Vapor Density (Air=1):** N/A**Odor Threshold:** N/A**Coefficient of Water/Oil Distribution:** N/A**Scooped Density:** N/A**Appearance and Odor:** Clear purple liquid with pine perfume**Specific Gravity (H₂O=1):** 1.12**Percent Volatile by Volume (%):** N/A**Evaporation Rate (nBuOAc=1):** N/K**Freezing Point:** N/A**pH (100% solution):** 10.4**Solubility in Water:** Completely**Reserve Alkalinity:** N/A**SECTION X - STABILITY AND REACTIVITY****Possible Hazardous Reactions/Conditions:** None known**Conditions to Avoid:** None**Materials to Avoid:** None**Hazardous Decomposition Products:** None known**Other Recommendations:** None**SECTION XI - TOXICOLOGICAL INFORMATION****LD50 =** >5.0g/kg**SECTION XII - ECOLOGICAL INFORMATION**

No concerns at relevant environmental concentrations.

SECTION XIII - DISPOSAL CONSIDERATIONS**Waste Disposal Method:** Slowly flush down sewer with excess water or dispose as liquid scrap. **DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.** Discard empty container in trash.**SECTION XIV - TRANSPORT INFORMATION****DOT Classification:** Not regulated

SECTION XV - ADDITIONAL REGULATORY INFORMATION

All components are listed on the US TSCA Inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA §5.

No components of Dawn Heavy Duty Degreaser are subject to California Proposition 65.

Chemicals required to be reported by SARA, Section 313 of Title III and of 40 CFR 372

Chemical Category	Percent by Weight
Glycol ether	9.5%

This information must included on all MSDSs that are copied and distributed for this material.

SECTION XVI - OTHER INFORMATION

*N/A. - Not Applicable

*N/K. - Not Known

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.

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