



MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 4/05

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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	Monoethanol-amine	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 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:** None required with normal use.*Industrial Setting:* If splash of solution is likely, chemical goggles may be needed.**Protective Gloves:** None required with normal use.*Industrial Setting:* Minimize skin contact with protective gloves (rubber, neoprene).**Other Protective Equipment:** None required with normal use.**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES****Boiling Point °F:** N/A**Specific Gravity (H₂O=1):** 1.12**Vapor Pressure (mm Hg):** N/A**Percent Volatile by Volume (%):** N/A**Vapor Density (Air=1):** N/A**Evaporation Rate (nBuOAc=1):** N/K**Odor Threshold:** N/A**Freezing Point:** N/A**Coefficient of Water/Oil Distribution:** N/A**pH (100% solution):** 10.4**Scooped Density:** N/A**Solubility in Water:** Completely**Appearance and Odor:** Clear purple liquid with pine perfume**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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