



PROCTER & GAMBLE

Commercial Service Products G  
Winton Hill Technical Center  
6071 Center Hill Road  
Cincinnati, Ohio 45224

# MATERIAL SAFETY DATA SHEET

Issue Date: 11/12/92

## SECTION I

Emergency Telephone Number: Procter & Gamble Operator 1-513-983-1100
Identity: Professional Line Dawn (Brand Codes 08082, 08764, 08460, 08536, 08684 and 08095, 08047, 08021, 08077)
Ingredients/Chemical Name: Cleaning and sudsing agents (anionic and nonionic surfactants) - dispensing aid (ethyl alcohol), water, stabilizing agents, colorants and perfume.
Other: N.A.

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Ingredients as defined by OSHA, 29 CFR 1910. 1200.					
Chemical Name	Common Name	CAS No.	ACGIH TLV	OSHA PEL	Other Limits Recommended
Ethanol	Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm 1900 mg/m <sup>3</sup>	N.K.
Toxic chemicals required to be reported by SARA, Section 313 of Title III and of 40 CFR 172.					
Chemical Category	Percent by Weight				
Glycol ether	13%				
DOT Classification: Combustible liquid not regulated in packaging of less than 110 gallons. (NA 1993)					

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point:	N.A.	Specific Gravity (H <sub>2</sub> O=1):	1.03
Vapor Pressure (mm Hg):	N.A.	Percent Volatile by Volume (%):	60%
Vapor Density (Air=1):	N.A.	Evaporation Rate (nBuOAc=1):	N.A.
Solubility in Water:	Complete	Appearance and Odor:	Clear blue - floral scent or clear amber lemon scent liquid

## SECTION IV - FLAMMABILITY AND REACTIVITY

Flash Point (Method Used): 90°F (closed cup) Although this product has a flash point below 200°F (closed cup) it is an aqueous solution containing ethyl alcohol and does not sustain combustion.		
Explosive Limits: LEL: N.A. UEL: N.A.		
Extinguishing Media: Use CO <sub>2</sub> , water or dry chemical		
Special Fire Fighting Procedures: None Known.		
Unusual Fire Hazards: None Known.		
Stability	Unstable: ..... Stable: X	Conditions to Avoid: None Known
Incompatibility (Materials to avoid): Products containing chlorine		
Hazardous Decomposition/By Products: Chloramines in small amounts		
Hazardous Polymerization	May Occur: ..... Will Not Occur: X	Conditions to Avoid: None Known