



PROCTER & GAMBLE

Commercial Service Products Group
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.					
<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>Other Limits Recommended</u>
Ethanol	Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm 1900 mg/m ³	N.K.
Toxic chemicals required to be reported by SARA, Section 313 of Title III and of 40 CFR 172.					
<u>Chemical Category</u>		<u>Percent by Weight</u>			
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 ₂ 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 ₂ , 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

5138C-0076N

SECTION V - HEALTH AND SAFETY DATA	
Route(s) of Entry: Oral, skin contact, eye contact	
Health Hazards (Acute and Chronic): Ingestion: May cause transient gastrointestinal irritation. Skin: Prolonged contact with concentrated product may be drying or irritating to skin. Eye Contact: May cause stinging, tearing, itching, swelling and/or redness.	
Signs and Symptoms of Exposure: Expected to be emetic if ingested. May cause nausea and/or diarrhea. May cause mild transient irritation if eye contact occurs. Prolonged contact with concentrated material may be drying or transiently irritating to skin.	
Medical Conditions Generally Aggravated by Exposure: Pre-existing dermatitis may be aggravated by prolonged contact with concentrated material.	
Emergency and First Aid Procedures: Eye Contact: Flush thoroughly with water for 15 minutes. Ingestion: Drink a glassful of water. Skin: If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes.	
Other: N.A.	

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE	
Precautions to be Taken in Handling and Storing: None required	
Other precautions: Do not mix with chlorine bleach as transient, irritating fumes may result.	
Steps to Be Taken in Case Material is Released or Spilled: Flush small quantities down acceptable sewer (contains biodegradable surfactants). Prevent spills from reaching waterway. Sorbents may be used.	
Waste Disposal Method: Disposal is to be performed in compliance with all regulations. Small or household quantities may be disposed of in sewer. For larger quantities incineration is preferred. Do not landfill.	

SECTION VII - SPECIAL PROTECTION INFORMATION		
Respiratory Protection (Specify Type): None required with normal use.		
Ventilation	Local Exhaust: None required with normal use. Mechanical (General): Acceptable	Special: None Other: None
Eye Protection: None required with normal use. If a splash is likely, goggles may be needed.	Protective Gloves: None required with normal use. Protective gloves should be used for prolonged contact with undiluted product.	
Other Protective Equipment: None required with normal use.		

*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.

5138C-0076N