



# MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 2/1/00  
 Issue Date: N/A

02621

SECTION I - CHEMICAL PRODUCT		
Identity: Liquid Cleaner		
Brands: MR. CLEAN FINISHED FLOOR CLEANER (Professional Line)		
Hazard Rating: 1	Health: 1	4=EXTREME
	Flammability:	3=HIGH
	Reactivity:	2= MODERATE
		1=SLIGHT
Emergency Telephone Number: 24hr P&G Operator - 1-513-983-1100 or call Local Poison Control Center		

SECTION II - COMPOSITION AND INGREDIENTS					
Ingredients/Chemical Name: Cleaning agents (nonionic and anionic surfactants), quality control agents, perfume, colorant and water.					
Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.					
Chemical Name	Common Name	CAS No.	Recommended Limits	Composition Range	LD50/LC50
Alcohol ethoxylates	Nonionic surfactants	Confidential	N/A	0.1-1.0%	

SECTION III - HAZARDS IDENTIFICATION	
<b>Health Hazards (Acute and Chronic):</b>	
Ingestion:	Harmful if swallowed
Eye Contact:	Mild eye irritant.
Inhalation:	N/A
Skin:	Mild skin irritant.
<b>Signs and Symptoms of Exposure:</b>	
Ingestion:	Oral ingestion may result in transient nervous system effects (ataxia and muscle weakness) and/or gastrointestinal irritation with nausea, vomiting and diarrhea. This product contains alcohol ethoxylates. Large ingestions (>2 ml/kg) may also cause symptoms of alcohol-like intoxication, incoordination, drowsiness, inarticulateness or ataxia. Alcohol ethoxylates may contribute to central nervous system symptoms.
Eye Contact:	Instillation into the eye may result in transient superficial effects similar to those produced by mild toilet soaps and detergents.
Skin:	Use on irritated or extremely dry skin may aggravate the existing condition
Inhalation:	N/A

SECTION IV - FIRST AID INFORMATION	
<b>Emergency and First Aid Procedures:</b>	
Ingestion:	Dilute with fluids and call a physician.
Eye Contact:	Flush thoroughly with water.
Skin:	Wash exposed area with soap and water and discontinue use. Remove contaminated clothing.
Inhalation:	Move to open area with plenty of fresh air.
<b>Other:</b> Product package has a caution statement: WARNING: HARMFUL IF SWALLOWED. EYE IRRITANT. KEEP OUT OF REACH OF CHILDREN. Avoid eye contact and prolonged contact with skin. If eye contact occurs, flush with water for 15 minutes. If swallowed, drink a glass of water and call a physician (product contains alcohol ethoxylates).	

SECTION V - FIRE FIGHTING INFORMATION			
<b>Flash Point (Method Used):</b> over 200°F (cc)	<b>Explosive Limits:</b>	LEL: N/A	UEL: N/A
<b>Extinguishing Media:</b> CO <sub>2</sub> , water, dry chemical or "alcohol" foam			
<b>Special Fire Fighting Procedures:</b> Use water to keep fire exposed container cool.			
<b>Unusual Fire Hazards:</b> None known.			
<b>Stability</b>	<i>Unstable:</i>	<i>Conditions to Avoid:</i> None known	
	<i>Stable:</i> X		
<b>Incompatibility (Materials to Avoid):</b> Ammonia and acids. Do not mix with toilet bowl cleaners, rust removers or ammonia..			
<b>Hazardous Decomposition/By Products:</b> None known.			
<b>Hazardous Polymerization:</b>	<i>May Occur:</i>	<i>Conditions to Avoid:</i> None known	
	<i>Will Not Occur:</i> X		

SECTION VI - ACCIDENTAL RELEASE MEASURES	
<b>Personal Precautions:</b> None	
<b>Environmental Precautions:</b> DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Do not landfill. Small quantities may be disposed of via sewer with large quantities of water. Incineration is preferred where permitted..	
<b>Steps To Be Taken in Case Material is Released or Spilled:</b> Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak. Absorb spilled product onto absorbant material.	

SECTION VII - HANDLING AND STORAGE	
<b>Precautions To Be Taken in Handling and Storing:</b> Store in cool, dry, well ventilated area..	
<b>Other Precautions:</b> None known	

**SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Respiratory Protection (Specify Type):** None required with normal use.

**Ventilation**     *Local Exhaust:* None required with normal use.

*Special:* None

*Mechanical (General):* Acceptable.

*Other:* None

**Eye Protection:** None required with normal use.

*Industrial Setting:* For splash protection, use chemical goggles. Eye wash fountain is desirable.

**Protective Gloves:** None required with normal use.

**Other Protective Equipment:** None required with normal use.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point °F:** 200°F

**Specific Gravity (H<sub>2</sub>O=1):** 1.007-1.019

**Vapor Pressure (mm Hg):** N/A

**Percent Volatile by Volume (%):** N/A

**Vapor Density (Air=1):** N/A

**Evaporation Rate (nBuOAc=1):** Unknown

**Odor Threshold:** N/A

**Freezing Point:** N/A

**Coefficient of Water/Oil Distribution:** N/A

**pH (1% solution):** 10.0

**Scooped Density:** N/A

**Solubility in Water:** Completely

**Appearance and Odor:** Clear yellow liquid. Product is perfumed.

**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 (rats oral): > 5 ml/kg

**SECTION XII - ECOLOGICAL INFORMATION**

**SECTION XIII - DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Do not landfill. Small quantities may be disposed of via sewer with large quantities of water. Incineration is preferred where permitted. DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

**SECTION XIV - TRANSPORT INFORMATION**

**DOT Classification:** The product, as sold, is not DOT hazardous and is not regulated under the DOT Hazardous Material Regulations., (49 CFR, parts 171-180), which govern the sale and transport of hazardous materials.

**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 Mr. Clean are subject to California Proposition 65.

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified with Hazard Criteria of the Canadian Control Products Regulation (CPR) and this MSDS contains all information required by the Canadian Products Regulation.

**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.

The information contained herein has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled product.

PROCTER & GAMBLE  
COMMERCIAL PRODUCTS GROUP

# TECHNICAL RELEASE

## Professional Line

### MR. CLEAN ALL PURPOSE CLEANER

#### Fact Sheet

#### Description

Professional Line Mr. Clean All Purpose Cleaner is a lemon scented, chartreuse (light yellow/green) liquid cleaner designed for floors, kitchens and bathrooms.

#### Ingredients

Professional Line Mr. Clean is an aqueous solution of cleaning agents (anionic surfactant and butyldiglycol), water softening agents, quality control agents, colorants, and perfume.


#### Packaging

Professional Line Mr. Clean is packaged in 28 fluid ounce plastic bottles, 12 per case, and in 1 gallon plastic jugs, 3 per case.

#### Performance

Professional Line Mr. Clean All Purpose Cleaner can be used full strength or diluted for high quality cleaning without leaving dulling films or streaks. When used in diluted form (1/4 cup of Mr. Clean per gallon of warm water), there is usually no need to rinse. Mr. Clean is recommended for virtually all hard surface cleaning, especially waxed (non-quarry tile) floors.

#### Other Attributes

Professional Line Mr. Clean All Purpose Cleaner is kosher in accordance with the requirements of the Union of Orthodox Jewish Congregations of America and carries the official  symbol designation.

Mr. Clean contains no phosphorus, no chlorine bleach and no ammonia. Also, the cleaning agents in Mr. Clean are biodegradable.

#### Characteristics

Color	Chartreuse (light yellow/green)
Specific Gravity, g./cc	1.02-1.04
pH, 10% solution	10.0-10.6
Total Phosphorus	0.5% maximum
Fragrance	Lemon-like

CPG:5228  
MRCLEAN