



The Procter & Gamble Company
P&G Household Care
Fabric & Home Care Innovation Center
5299 Spring Grove Avenue
Cincinnati, OH 45217-1087

MATERIAL SAFETY DATA SHEET

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SECTION I - CHEMICAL PRODUCT

Identity: **Liquid Floor Cleaner**

Packaged Finished Product

Brands: **MR. CLEAN (All Variations except Mr. Clean Disinfecting Floor Cleaner) (Professional Line)**

P&G Telephone Number: 1-800-867-2532 or call Local Poison Control Center or your physician.

SECTION II - COMPOSITION AND INGREDIENTS

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200. and/or WHMIS under the HPA:

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Composition</u> <u>Range</u>	<u>LD50/LC50</u>
Alcohol Ethoxylates	Nonionic surfactants	Confidential	0.1-1%	N/A

SECTION III - HAZARDS IDENTIFICATION	
Potential Health Hazards (Acute and Chronic): (See Section 11 for more information)	
Ingestion: May be harmful if swallowed.	
Eye Contact: Mild to moderate eye irritant.	
Skin Contact: Mild to moderate skin irritant.	
Inhalation: N/A	
Signs and Symptoms of Exposure:	
<u>Ingestion:</u> Oral ingestion may result in transient nervous system effects (ataxia and muscle weakness) and/or gastrointestinal irritation with nausea, vomiting or diarrhea. This product contains alcohol ethoxylates. Large ingestions (>2ml/kg) may also cause symptoms of alcohol-like intoxication, incoordination, drowsiness, inarticulateness or ataxia. Alcohol ethoxylates may contribute to central nervous system symptoms.	
<u>Eye Contact:</u> Instillation into the eye may result in transient superficial effects similar to those produced by mild toilet soaps and detergents.	
<u>Skin Contact:</u> Use on irritated or extremely dry skin may aggravate the existing condition.	
<u>Inhalation:</u> N/A	
Medical Conditions Generally Known to be Aggravated by Exposure: None known.	
Potential Environmental Effects: (See Section 12 for more information)	
SECTION IV – FIRST AID INFORMATION	
First Aid Procedures:	
Ingestion: Dilute with fluids and call a physician. Do NOT induce vomiting.	
Eye Contact: Immediately thoroughly flush with water, lifting upper and lower lids occasionally.	
Skin Contact: Thoroughly wash exposed area with soap and water and discontinue use. Remove contaminated clothing. If irritation persists, consult a physician.	
Inhalation: Remove to fresh air.	
Note to Physician: (if applicable)	
Other: Consumer product package has the following precautionary statement:	
FRONT LABEL: WARNING: HARMFUL IF SWALLOWED. EYE IRRITANT. KEEP OUT OF REACH OF CHILDREN.	
SIDE PANEL: EYE IRRITANT: Avoid eye contact and prolonged contact with the skin. If eye contact occurs, flush with water for 15 minutes. If irritation persists, seek medical attention. WARNING: Harmful if swallowed. If swallowed, drink a glass of water and call a physician (product contains alcohol ethoxylates).	
SECTION V - FIRE FIGHTING INFORMATION	
Flash Point (Method Used): over 200°F / 93.3 °C (cc)	
Flammable Properties: Upper Flammable Limit: N/K Lower Flammable Limit: N/K	
Explosive Limits: UEL: N/A LEL: N/A	
Auto-ignition Temperature: N/A	
Hazardous Combustion Products: None known	
Explosion Data (Sensitivity to Mechanical Impact): N/A	
Explosion Data (Sensitivity to Static Discharge): N/A	
Extinguishing Media:	
Suitable: CO2, water, dry chemical or “alcohol” foam. Unsuitable: N/K	
Protection of Firefighters:	
Specific Hazards Arising from the Material: None known.	
Protective Equipment and Precautions for Firefighters: Normal fire-fighting gear/equipment.	

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: None

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Do not landfill. Small (household) quantities may be disposed of via sewer with large quantities of water. Incineration is preferred where permitted.

Methods for Containment: Use water spray to dilute and/or wash away spills. Absorb spilled product onto absorbent material.

Methods for Cleanup: 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 absorbent material.

Other Information: (if applicable)

SECTION VII – HANDLING AND STORAGE

Precautions To Be Taken in Handling: Avoid direct, prolonged exposure to skin.

Precautions To Be Taken in Storage: Store in well ventilated, cool and dry area.

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Guidelines: N/A

Engineering Controls: N/A

Personal Protective Equipment (PPE):

Eye/Face Protection: For splash protection, use chemical goggles. Eye wash fountain is desirable.

Skin Protection: Protective gloves (rubber, neoprene) should be used for prolonged direct skin contact.

Respiratory Protection: None required.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (color, physical form, shape): Yellow, lemon scented liquid.

Flash Point (Method Used): over 200°F / 93.3 °C (cc)

Odor: perfumed: lemon scent

Reserve Alkalinity: N/A

Odor Threshold: N/A

Solubility in Water: Completely

Physical State: liquid

Decomposition Temperature: N/K

Vapor Pressure (mm Hg): N/A

Evaporation Rate (nBuOAc=1): N/K

Vapor Density (Air=1): N/A

Specific Gravity/Density: 1.023 g/cc

Boiling Point: N/A

Melting/Freezing Point: N/A

Partition Coefficient (n-octanol/water): N/K

pH (as is): 10.35

SECTION X - STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: None known.

Possibility of Hazardous Reactions: None known.

