



MATERIAL SAFETY DATA SHEET

MSDS#: FH/H/2005/JFJA-6FZQR9
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SECTION I - CHEMICAL PRODUCT			
Identity: Multi-Purpose Liquid Cleaner			
Brands: MR. CLEAN ULTIMATE			
Hazard Rating:	Health:	1	4=EXTREME
	Flammability:	0	3=HIGH
	Reactivity:	0	2= MODERATE
			1=SLIGHT
Emergency Telephone Number: 1-800-8-MR CLEAN (1-800-867-2532) or call Local Poison Control Center or your physician.			

SECTION II - COMPOSITION AND INGREDIENTS					
Ingredients/Chemical Name: Cleaning agents (anionic and nonionic surfactants), quality control agents, Perfume, colorant and water.					
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>
Alcohol Ethoxylates	Nonionic surfactants	Confidential	N/A	0.1-1%	N/A

SECTION III - HAZARDS IDENTIFICATION
<p>Health Hazards (Acute and Chronic):</p> <p>Ingestions: May be harmful if swallowed.</p> <p>Eye Contact: Mild eye irritant.</p> <p>Inhalation: N/A</p> <p>Skin: Mild skin irritant.</p> <p>Signs and Symptoms of Exposure:</p> <p>Ingestion: 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 (>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.</p> <p>Eye Contact: Instillation into the eye may result in transient superficial effects similar to those produced by mild toilet soaps and detergents.</p> <p>Skin: Use on irritated or extremely dry skin may aggravate the existing condition.</p> <p>Inhalation: N/A</p>

SECTION IV - FIRST AID INFORMATION**Emergency and First Aid Procedures:**

Ingestion: Dilute with fluids and call a physician.

Eye Contact: Immediately flush with water thoroughly, lifting upper and lower lids occasionally.

Skin: 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.

Other: Consumer product package has a caution statement: CAUTION: EYE IRRITANT. KEEP OUT OF REACH OF CHILDREN.

SECTION V - FIRE FIGHTING INFORMATION

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

Explosive Limits: LEL: N/A UEL: N/A

Extinguishing Media: CO2, water, dry chemical or "alcohol" foam.

Special Fire Fighting Procedures: Use water to keep fire exposed container cool.

Unusual Fire Hazards: None known.

Stability Unstable:

Conditions to Avoid: None known

Stable: X

Incompatibility (Materials to Avoid): None known

Hazardous Decomposition/By Products: None known

Hazardous Polymerization: *May Occur:*

Conditions to Avoid: None known

Will Not Occur: X

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: None

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE 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.

Steps To Be Taken in Case Material is Released or Spilled: 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.

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken in Handling and Storing: Handling and storage must be well ventilated, cool, and dry.

Other Precautions: None known

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

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

Ventilation Local Exhaust: None required with normal consumer use.

Special: None

Mechanical (General): Acceptable.

Other: None

Eye Protection: None required with normal consumer 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: N/A	Specific Gravity (H₂O=1): 1.023 q/cc
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: 10.35
Scooped Density: N/A	Solubility in Water: Completely
Appearance and Odor: Orange liquid. Product is perfumed (herbal fragrances).	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): >5ml/kg

SECTION XII - ECOLOGICAL INFORMATION

No concerns at relevant environmental concentrations.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Do not landfill. Small (household) 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: Mr. Clean is not regulated under the DOT Hazardous Materials Regulations (49 CFR, parts 171-180) which govern the safe transport of hazardous materials.

SECTION XV - ADDITIONAL REGULATORY INFORMATION

All components are listed on the US TSCA Inventory.

Mr. Clean is not subject to warning labeling under California Proposition 65.

All ingredients are CEPA approved for import to Canada by Procter & Gamble only.

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.