



Page 1 of 4

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

MSDS #: FH/H/2005/JFJA-6FZQR9

Issue

Date:

03/22/06

Supersedes: H98002M

Issue Date: 11/01/99

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:

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 (>2ml/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 Contact: Use on irritated or extremely dry skin may aggravate the existing condition.

Inhalation: 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.

SECTION XI - TOXICOLOGICAL INFORMATION

This product is not expected to be acutely toxic. Emetic properties are not known. If large quantities are ingested, treat symptomatically, do not induce vomiting. If irritant effects are seen, these will be mild to moderate, depending on exposure. If in contact with eyes flushing with water is recommended.

Estimated acute oral toxicity: LD50 (rats) > 5ml/kg

Skin irritation: Moderately to slightly irritating to skin

Eye irritation: Moderately irritating to eyes

Contact sensitization: Does not provoke a sensitization reaction.

SECTION XII - ECOLOGICAL INFORMATION

Small (household) quantities are safe to be disposed of via sewer with large quantities of water. Do not landfill.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS.

Household Use: Household quantities may be disposed of via sewer with large quantities of water.

Industrial Setting: Do not landfill. Incineration is preferred where permitted.

SECTION XIV - TRANSPORT INFORMATION

Ground Transport (DOT): The finished packaged product is non-hazardous under DOT.

Air Transport (IATA): The finished packaged product is not regulated for IATA.

Marine/Water Transport (IMDG): The finished packaged product is not regulated for IMDG.

SECTION XV - ADDITIONAL REGULATORY INFORMATION

All intentionally-added components of this product are listed on the US TSCA Inventory.

This product is not subject to warning labeling under California Proposition 65.

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

This product has been classified in accordance with the hazard criteria of the Canadian *Controlled Products Regulations* and the MSDS contains all information required by the *Controlled Products Regulations*.

SECTION XVI - OTHER INFORMATION

P&G Hazard Rating:	Health:	1	4=EXTREME
	Flammability:	0	3=HIGH
	Reactivity:	0	2=MODERATE
			1=SLIGHT
			0=NOT SIGNIFICANT

*N/A. - Not Applicable

*N/K. - Not Known

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.