



## MATERIAL SAFETY DATA SHEET

MSDS#: FH/H/2006/GPGM-6S4PPS  
Supersedes: FH/H/2005/JFJA-6FZQR9.1

Issue Date: 8/3/06  
Issue Date: 1/5/06

### SECTION I - CHEMICAL PRODUCT

Identity: **Multi-Purpose Liquid Hard Surface Cleaner** **Packaged, Finished Product**  
Brands: **MR. CLEAN MULTI-SURFACES ANTIBACTERIAL (Summer Citrus Scent)**

P&G 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 listed on the product label are: sodium hydroxide (active ingredient) @ 34%; other ingredients (including grease cutting agents) @ 99.66%.

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 Range</u>	<u>TLV/LD50/ LC50</u>
Alcohol ethoxylates	Nonionic surfactants	Confidential	1-5%	LD50=200-2000 mg/kg (rat, oral)

### 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 eye irritant.

Skin Contact: Mild 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 (>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 Contact: Use on irritated or extremely dry skin may aggravate the existing condition.

Inhalation: N/A

**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.

Eye Contact: Immediately flush with water thoroughly, 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.

**Other:** Consumer product package has a caution statement: CAUTION: EYE IRRITANT. KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes. If in eyes, hold eyes open and rinse gently with water for 15-20 minutes. If wearing contacts, remove lenses after first 5 minutes and continue rinsing. If irritation persists, call a physician. If swallowed, drink 1-2 glasses of water and call a physician or poison control center (product contains alcohol ethoxylates) – do not induce vomiting unless they tell you to do so. Have the product container or label with you when calling or going for treatment.

**SECTION V - FIRE FIGHTING INFORMATION**

**Extinguishing Media:** CO2, water, dry chemical or “alcohol” foam.

**Protection of Firefighters:**

Use water to keep fire exposed container cool.

Protective Equipment and Precautions for Firefighters: No unusual precautions necessary.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** N/A

**Environmental Precautions:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. 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****Personal Protective Equipment (PPE):****Eye/Face Protection:** None required with normal consumer use.*Industrial Setting:* For splash protection, use chemical goggles. Eye wash fountain in desirable.**Skin Protection:** None required with normal consumer use.*Industrial Setting:* Minimize skin contact with normal consumer use.**Respiratory Protection (Specify Type):** None required with normal consumer use.**Ventilation Local Exhaust:** None required with normal consumer use.*Special:* None**Mechanical (General):** Normal/general dilution ventilation is acceptable.*Other:* None**Other Protective Equipment:** None required with normal consumer use.**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES****Boiling Point °F:** N/A**Specific Gravity (H<sub>2</sub>O=1):** 1.019 q/cc**Vapor Pressure (mm Hg):** N/A**Physical State:** Liquid**Vapor Density (Air=1):** N/A**Melting/Freezing Point:** N/A**Flash Point (Method Used):** Over 200°F (Pensky-Martens Closed cup)**pH:** 10.3**Solubility in Water:** Completely**Reserve Alkalinity:** N/A**Partition Coefficient (n-octanol/water):** N/A**Explosive Limits: LEL:** N/A **UEL:** N/A**Appearance and Odor:** Yellow liquid. Product is perfumed.**Odor Threshold:** N/A**SECTION X - STABILITY AND REACTIVITY****Chemical Stability:** Stable**Possible Hazardous Reactions/Conditions/By-Products:** 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): &gt;5ml/kg

**SECTION XII - ECOLOGICAL INFORMATION**

No concerns at relevant environmental concentrations.

**SECTION XIII - DISPOSAL CONSIDERATIONS****Waste Disposal Method:**

*Household disposal:* Small (household) quantities may be disposed of via sewer with large quantities of water. Discard empty container in trash or rinse well and recycle where facilities exist.

*Non-household settings:* Disposal of product in finished, consumer-ready packaging must be disposed of as an organic pesticide. Records must be kept of the disposal that documents the method of disposal, the date of disposal, the location of the disposal site, the type of pesticide disposed of (organic pesticide), and the amount of pesticide disposed of. Disposal records must be retained for 20 years. Incineration is preferred where permitted. Product removed from finished, consumer-ready packaging may be disposed of as non-pesticidal, liquid waste. Do not landfill. This product, when disposed as waste, is considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261).

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

**SECTION XIV - TRANSPORT INFORMATION**

**Transport Information** – This product is not regulated for transportation.

For finished, packaged product transported by ground (DOT): Not regulated.

For finished, packaged product transported by air (IATA): Not regulated

For finished, packaged product transported by marine/water transport (IMDG): Not regulated

**SECTION XV - ADDITIONAL REGULATORY INFORMATION**

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

This product is registered with US EPA under EPA Reg. No. 3573-63 / California Reg. No. 3573-63-ZC

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

The perfume in this product complies with appropriate IFRA guidance.

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

P&G Hazard Rating:	Health:	1	4=EXTREME
	Flammability:	0	3=HIGH
	Reactivity:	0	2= MODERATE
			1=SLIGHT

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.