The Procter & Gamble Company
P&G Household Care
Fabric & Home Care Innovation Center
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MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION

Identity: **Disinfecting Multi-Purpose Liquid Hard Surface Cleaner** **Finished Product**

Brands: **Mr. Clean Antibacterial Multi-Surfaces and Mr. Clean Disinfectant Multi-Surfaces Liquid (Summer Citrus scent)**

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

SECTION II - 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 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, lack of coordination, drowsiness, inarticulateness, headache 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: N/A

Potential Environmental Effects: (See Section 12 for more information)

SECTION III - COMPOSITION AND INGREDIENTS

Active ingredient listed on the product label is the following:

Sodium hydroxide 0.34%

Other Ingredients (includes grease cutting agents) 99.66%

Total..... 100.00%

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

Chemical Name	Common Name	CAS No.	Composition Range	TLV/LD50/LC50
Alcohol ethoxylates	Nonionic surfactants	Confidential	3-7%	LD50 (rat, oral) = 200-2000 mg/kg

SECTION IV – FIRST AID INFORMATION

First Aid Procedures:

Ingestion: 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.

Eye Contact: Hold eyes open and rinse gently with water for 15-20 min. If wearing contacts, remove lenses after first 5 min., and continue rinsing. If irritation persists, call a physician.

Skin: Thoroughly wash exposed area with soap and water and discontinue use. Remove contaminated clothing. If irritation persists, call a physician.

Inhalation: Remove to fresh air.

Note to Physician: (if applicable): N/A

Other: Consumer product package has the following precautionary statement: "**KEEP OUT OF REACH OF CHILDREN. CAUTION**: Eye Irritant. Avoid contact with eyes.

SECTION V - FIRE FIGHTING INFORMATION

Flash Point (Method Used): >200°F / >93.3°C (ASTM D-93 Pensky-Martens Closed Cup).

Flammable Properties:
Upper Flammable Limit: N/A
Lower Flammable Limit: N/A

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: CO_2, water, dry chemical or "alcohol" foam. Use water to keep fire-exposed container cool.
Unsuitable: N/A

Protection of Firefighters:
Specific Hazards Arising from the Material: None
Protective Equipment and Precautions for Firefighters: No unusual precautions necessary.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: See Section VIII below.

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: Prevent spills from reaching a waterway.

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) N/A

SECTION VII – HANDLING AND STORAGE

Precautions To Be Taken in Handling: Handle in a well ventilated, cool and dry area.

Precautions To Be Taken in Storage: Storage must be in a well ventilated, cool and dry area.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:
N/A

Engineering Controls:

Ventilation *Mechanical (General):* Normal/general dilution ventilation is acceptable.

Personal Protective Equipment (PPE):

Eye/Face Protection: None required with normal consumer use.
Occupational Setting: For splash protection, use chemical goggles. Eye Wash fountain is desirable.
Skin Protection: None required with normal consumer use.
Occupational Setting: Protective gloves (rubber, neoprene) should be used for prolonged direct contact.
Respiratory Protection: None required with normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (color, physical form, shape): Colored liquid (orange). Packaged in a pourable plastic bottle.

Flash Point (Method Used): >200F / >93.3°C (ASTM D-93 Pensky-Martens Closed Cup.)

Odor: Product is perfumed.

Reserve Alkalinity: N/A

Odor Threshold: N/A

Solubility in Water: Completely

Physical State: Liquid.

Decomposition Temperature: N/A

Vapor Pressure (mm Hg): N/A

Evaporation Rate (nBuOAc=1): Unknown

Vapor Density (Air=1): N/A

Specific Gravity/Density: 1.019 g/cm^3

Boiling Point: N/A

Melting/Freezing Point: N/A

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

pH (10% solution): 10.3

Volatile Organic Compound (VOC): Product complies with US State and Federal regulations for VOC content.

SECTION X – STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: None

Incompatible Materials: None

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: None known

SECTION XI - TOXICOLOGICAL INFORMATION

Chronic Effects: No chronic health effects reported.

Target Organs: No target organs reported.

Carcinogenicity: This finished consumer product is not carcinogenic.

NTP: No
IARC: No
All product ingredients were checked for NTP and IARC carcinogen listings relevant to this product formulation.

SECTION XII - ECOLOGICAL INFORMATION

No concerns at relevant environmental concentrations.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal is to be performed in compliance with federal, state/provincial and local regulations.

Non-Household Setting (US Federal): Industrial 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 which is non-hazardous waste according to Federal RCRA regulations (40 CFR 261).

California Hazardous Waste: Yes

Household Use: Consumers may dispose of small (household) quantities down the drain with large quantities of water. Discard empty container in trash or thoroughly rinse and recycle container where facilities exist.

SECTION XIV - TRANSPORT INFORMATION

Ground Transport (US DOT): Not regulated.

Air Transport (IATA): Not regulated.

Marine/Water Transport (IMDG): Not regulated.

SECTION XV - REGULATORY INFORMATION

United States

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

EPA Registration Number: 3573-63

SARA 313/302/304/311/312 chemicals: None.

California: This product has been evaluated and does not require warning labeling under California Proposition 65.

State Right-to-Know and CERCLA:

The following ingredients present in the finished product at >1% (or >0.1% for carcinogens) are listed on state right-to-know lists or state worker exposure lists

Ingredient	CAS #	Max Level	CERCLA RQ	State				
				IL	MA	NJ	PA	RI
None								

Canada

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 (CPR) and this MSDS contains all information required by the Controlled Products Regulations.

SECTION XVI - OTHER INFORMATION

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

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.

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

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