



MATERIAL SAFETY DATA SHEET

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SECTION I - CHEMICAL PRODUCT

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

Brands: **MR. CLEAN MULTI-SURFACES (Spring Garden/Blossoms & Breeze; Invigorating Breeze; Sparkling Apple; Ultimate Orange Scents)**

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: Cleaning agents (anionic and nonionic surfactants), quality control agents, perfume, colorant and water.

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 (H₂O=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:** Colored liquids. Products are 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): >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: Products covered by this MSDS, in their original form, when disposed as waste, are 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 – These products are not regulated for transportation.

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

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

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

SECTION XV - ADDITIONAL REGULATORY INFORMATION

All intentionally-added components of these products are listed on the US TSCA Inventory.

These products are not subject to warning labeling under California Proposition 65.

The perfumes in these products comply with appropriate IFRA guidance.

These products do not contain any chemicals present at >1% (or 0.1% for carcinogens) that are subject to the reporting requirements of SARA 313/302/304/311/312.

These products contain the following CERCLA chemicals:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Max Range in Product (%)</u>
Sodium hydroxide (RQ = 1000 lbs)	1310-73-2	0.35%
Copper compounds*	90295-11-7	0.5%

(No RQ assigned to this generic class)

* The dye in Spring Garden/Blossoms & Breeze and Invigorating Breeze scents is regulated by CERCLA under the generic class of copper-containing compounds.

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.			
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