



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 Wipe

**Finished Product**

**Brands:** MR. CLEAN POWER MULTI-SURFACE WIPES (Lemon Scent)

MR. CLEAN WIPES (Fresh Scent)

MR. CLEAN DISINFECTING WIPES WITH FEBREZE FRESHNESS  
(Meadows & Rain and Lavender Vanilla & Comfort Scents)

MR. CLEAN DISINFECTING WIPES WITH POWER QUILTED TEXTURE  
(Lemon scent)

MR. CLEAN DISINFECTING WIPES (Fresh Scent)

MR. CLEAN EXTRA POWER WIPES (Sold in Canada)

### SECTION II - HAZARDS IDENTIFICATION

**Potential Health Hazards (Acute and Chronic):** (See Section 11 for more information)

Ingestion: This product is expected to have a low order of toxicity.

Eye Contact: This product causes moderate irritation to eyes.

Skin Contact: This product may be harmful if absorbed through skin.

Inhalation: This product is expected to have a low order of toxicity.

**Signs and Symptoms of Exposure:**

Ingestion: Oral ingestion of the liquid may result in transient gastrointestinal irritation with transient nausea, vomiting or diarrhea.

Eye Contact: Instillation of the liquid into the eye will result in moderate eye irritation (stinging, burning, tearing) that is transient and superficial in nature.

Skin Contact: Prolonged contact with the liquid may cause redness or dryness. 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 ingredients are the following:

Octyl decyl dimethyl ammonium chloride..... 0.069%

Dioctyl dimethyl ammonium chloride.....0.028%

Didecyl dimethyl ammonium chloride.....0.042%

Alkyl (50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>16</sub>) dimethyl

benzyl ammonium chloride.....0.093%

Other Ingredients .....99.768%

Total:.....100.000%\*

\*Includes weight of absorbent wipe

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> |
|----------------------|--------------------|----------------|--------------------------|----------------------|
|----------------------|--------------------|----------------|--------------------------|----------------------|

|      |  |  |  |  |
|------|--|--|--|--|
| None |  |  |  |  |
|------|--|--|--|--|

### SECTION IV – FIRST AID INFORMATION

#### First Aid Procedures:

Ingestion: Dilute ingested product with fluids (water or milk). Do not induce vomiting. If vomiting occurs, give fluids again. If gastric irritation or other signs of toxicity develop, consult a physician and treat symptomatically.

Eye Contact: If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.

Skin: If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

Inhalation: Move to an open area away from the site of exposure. If respiratory irritation is present, consult a physician and treat symptomatically.

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

**Other:** Consumer product package has the following precautionary statement: “**KEEP OUT OF REACH OF CHILDREN. CAUTION:** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. May be harmful if swallowed.

| SECTION V - FIRE FIGHTING INFORMATION                                                                                                                                                                                                  |          |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
| <b>Flash Point (Method Used):</b> >200°F / >93.3°C (ASTM D-93 Pensky-Martens Closed Cup).                                                                                                                                              |          |          |
| <b>Flammable Properties:</b><br>Upper Flammable Limit: N/A<br>Lower Flammable Limit: N/A                                                                                                                                               |          |          |
| <b>Explosive Limits:</b>                                                                                                                                                                                                               | UEL: N/A | LEL: N/A |
| <b>Auto-ignition Temperature:</b> N/K                                                                                                                                                                                                  |          |          |
| <b>Hazardous Combustion Products:</b> Products of combustion are toxic.                                                                                                                                                                |          |          |
| <b>Explosion Data (Sensitivity to Mechanical Impact):</b> N/A                                                                                                                                                                          |          |          |
| <b>Explosion Data (Sensitivity to Static Discharge):</b> N/A                                                                                                                                                                           |          |          |
| <b>Extinguishing Media:</b><br>Suitable: CO <sub>2</sub> , water, dry chemical or “alcohol” foam. Use water to keep fire-exposed container cool.<br>Unsuitable: N/A                                                                    |          |          |
| <b>Protection of Firefighters:</b><br>Specific Hazards Arising from the Material: None.<br>Protective Equipment and Precautions for Firefighters: Wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing. |          |          |

| SECTION VI - ACCIDENTAL RELEASE MEASURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Personal Precautions:</b> See Section VIII below.<br><b>Environmental Precautions:</b> DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS.<br><b>Methods for Containment:</b> N/A<br><b>Methods for Cleanup:</b> <b>CAUTION:</b> Wear appropriate protective equipment and respiratory protection where mist or vapors of unknown concentrations may be generated. Transfer solid wipes to containers for recovery and disposal.<br><b>Other Information:</b> (if applicable) N/A |

| SECTION VII – HANDLING AND STORAGE                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions To Be Taken in Handling:</b> Handle in a well ventilated, cool and dry area.<br><b>Precautions To Be Taken in Storage:</b> Storage must be in a well ventilated, cool and dry area. In a household setting, store product in original container in areas inaccessible to children. Keep securely closed. Refill empty container with Mr. Clean Wipes. If not refilling, discard empty container in trash or rinse and recycle where facilities exist. |

| SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Exposure Guidelines:</b><br>N/A<br><b>Engineering Controls:</b><br><b>Ventilation Mechanical (General):</b> Normal/general dilution ventilation is acceptable.<br><b>Personal Protective Equipment (PPE):</b><br>Eye/Face Protection: None required with normal consumer use.<br><i>Occupational Setting:</i> Use safety glasses with side shields for prolonged direct contact with the wipes. Eye Wash fountain is desirable.<br>Skin Protection: None required with normal consumer use.<br><i>Occupational Setting:</i> Protective gloves (rubber, neoprene) and clothing (long sleeves, coveralls or other) should be used for prolonged direct contact to the wipes.<br>Respiratory Protection: None required with normal use. |

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance (color, physical form, shape):**

Perfumed aqueous liquid wetted onto unilaminate nonwoven substrate. Packaged in a plastic, flip-top upright container.

**Odor:** Products are perfumed.

**Odor Threshold:** N/A

**Physical State:** Wipe.

**Vapor Pressure (mm Hg):** 25 mmHg at 25°C (liquid)

**Vapor Density (Air=1):** N/A

**Boiling Point:** 212°F / 100°C

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

**Volatile Organic Compound (VOC):** Products comply with US State and Federal regulations for VOC content.

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

**Reserve Alkalinity:** N/A

**Solubility in Water:** Completely

**Decomposition Temperature:** N/A

**Evaporation Rate (nBuOAc=1):** Unknown

**Specific Gravity/Density:** 1.0 g/cc

**Melting/Freezing Point:** N/A

**pH (solution):** 10 as a solution, 6.5-8 off the wipe

## SECTION X – STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** None.

**Incompatible Materials:** Strong oxidizing or reducing agents. In the household, do not mix with toilet bowl cleaners, rust removers or household ammonia.

**Hazardous Decomposition Products:** Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride, amines and other organic materials, and oxides of carbon and nitrogen.

**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

Used and unused sheets/wipes are compatible with municipal solid waste systems and will not pose a hazard to the environment when the waste is properly handled. The ingredients do not pose a significant hazard to aquatic organisms and will not cause any long-term adverse effects in the environment at environmentally relevant 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):* Occupational 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 solid waste, which is non-hazardous waste according to Federal RCRA regulations (40 CFR 261).

**Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

California Hazardous Waste: Yes

*Household Use:* Consumers may dispose of used wipe sheets as part of municipal trash. Do not flush down the toilet. Refill empty container with Mr. Clean Wipes. If not refilling, 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 these products are listed on the US TSCA Inventory.

EPA Registration Number: 6818-313-3573

SARA 313/302/304/311/312 chemicals present in the finished products at >1% (or 0.1% for carcinogens): None.

*California:* These products have been evaluated and do not require warning labeling under California Proposition 65.

California Registration Number(s): Mr. Clean Power Multi-Surfaces Wipes 6818-313-AA-3573;

Mr. Clean Wipes 6818-313-ZA-3573

### State Right-to-Know and CERCLA:

The following ingredients present in the finished products 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: 1 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.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.