



# MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 10/09  
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## SECTION I - CHEMICAL PRODUCT

Identity: **Liquid Disinfecting Bathroom Cleaner**

Brands: **Mr. CLEAN Toilet Bowl Cleaner/Restroom Disinfectant (Professional Line)**

|                  |                 |             |
|------------------|-----------------|-------------|
| Hazard Rating: 1 | Health: 1       | 4=EXTREME   |
|                  | Flammability: 0 | 3=HIGH      |
|                  | Reactivity: 0   | 2= MODERATE |
|                  |                 | 1=SLIGHT    |

Emergency Telephone Number: - 1-800-332-7787 or call Local Poison Control Center

## SECTION II - COMPOSITION AND INGREDIENTS

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

| <u>Chemical Name</u> | <u>Common Name</u> | <u>CAS No.</u> | <u>Composition Range</u> | <u>LD50/LC50</u> |
|----------------------|--------------------|----------------|--------------------------|------------------|
| Citric Acid          |                    | 77-92-9        | 4.5%                     |                  |
| Inerts               |                    |                | 95.5%                    |                  |

## SECTION III - HAZARDS IDENTIFICATION

Under normal conditions of use, no significant adverse health effects are expected.

### Health Hazards (Acute and Chronic):

Ingestion: Mild mucous membrane irritant.  
Eye Contact: Mild eye irritant.  
Inhalation: Mild respiratory irritant.  
Skin: Mild skin irritant.

### Signs and Symptoms of Exposure:

Ingestion: Oral ingestion may result in gastrointestinal irritation with nausea, vomiting or diarrhea.  
Eye Contact: Instillation into the eye may result in transient mild to moderate irritation.  
Skin: Use on irritated or extremely dry skin may aggravate the existing condition  
Inhalation: May cause mild irritation

**SECTION IV - FIRST AID INFORMATION**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**Emergency and First Aid Procedures:**

- Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
- Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minute. Remove contact lenses, if present, after first 5 minute, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- Skin: Thoroughly wash exposed area with soap and water and discontinue use. Remove contaminated clothing.
- Inhalation: Move to open area with plenty of fresh air.

**Other:** Product package has a caution statement: KEEP OUT OF REACH OF CHILDREN CAUTION: Causes eye irritation. Avoid contact with eyes. May be harmful if swallowed. Do not mix with bleach or mildew stain removers, as irritating fumes may result.

**SECTION V - FIRE FIGHTING INFORMATION**

**Flash Point (Method Used):** over 200°F (cc)      **Explosive Limits:**      *LEL:* N/A      *UEL:* N/A

**Extinguishing Media:** CO<sub>2</sub>, water, dry chemical or “alcohol” foam

**Special Fire Fighting Procedures:** Use water to keep fire exposed container cool.

**Unusual Fire Hazards:** None known.

**Stability**      *Unstable:*      *Conditions to Avoid:* None known  
                          *Stable:* X

**Incompatibility (Materials to Avoid):** None.

**Hazardous Decomposition/By Products:** None.

**Hazardous Polymerization:**      *May Occur:*      *Conditions to Avoid:* None known  
    *Will Not Occur:* X

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** None

**Environmental Precautions:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Do not landfill. Small quantities may be disposed of via sewer.

**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.

**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:** Do not reuse bottle.

**SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Respiratory Protection (Specify Type):** None required with normal use.

**Ventilation**      *Local Exhaust:* None required with normal use.      *Special:* None  
    *Mechanical (General):* Acceptable.      *Other:* None

**Eye Protection:** Chemical splash goggles recommended when potential for splash exists.

**Protective Gloves:** Wearing of protective gloves (rubber, neoprene) are recommended for prolonged or repeated contact.

**Other Protective Equipment:** None required with normal use.

| SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES                      |   |
|--|---|
| <b>Boiling Point °F:</b> N/A                                       | <b>Specific Gravity (H<sub>2</sub>O=1):</b> 1.038 |
| <b>Vapor Pressure (mm Hg):</b> N/A                                 | <b>Percent Volatile by Volume (%):</b> N/A        |
| <b>Vapor Density (Air=1):</b> N/A                                  | <b>Evaporation Rate (nBuOAc=1):</b> N/A           |
| <b>Odor Threshold:</b> N/A   | <b>Freezing Point:</b> N/A                        |
| <b>Coefficient of Water/Oil Distribution:</b> N/A                  | <b>pH (100 %):</b> ~3                             |
| <b>Scooped Density:</b> N/A  | <b>Solubility in Water:</b> Completely            |
| <b>Appearance and Odor:</b> Clear thick liquid. Lemon scented odor | <b>Reserve Alkalinity:</b> N/A                    |

| SECTION X - STABILITY AND REACTIVITY                       |
|--|
| <b>Possible Hazardous Reactions/Conditions:</b> None known |
| <b>Conditions to Avoid:</b> None                           |
| <b>Materials to Avoid:</b> None                            |
| <b>Hazardous Decomposition Products:</b> None known        |
| <b>Other Recommendations:</b> None                         |

| SECTION XI - TOXICOLOGICAL INFORMATION         |
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| LD50 (rats oral): > = 5 ml/kg<br>ED50: 2 ml/kg |

| SECTION XII - ECOLOGICAL INFORMATION |
|--------------------------------------|
| None                                 |

| SECTION XIII - DISPOSAL CONSIDERATIONS   |
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| <b>Waste Disposal Method:</b> Do not landfill. Small quantities may be disposed of via sewer. DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. |
| Do not reuse bottle. Rinse bottle and discard in trash.  |

| SECTION XIV - TRANSPORT INFORMATION  |
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| <b>Ground Transport (US DOT):</b> Consumer Commodity ORM-D   |
| <b>Air Transport (IATA):</b> DO NOT SHIP. Finished product packaging does not meet air transport requirements. |
| <b>Marine/Water Transport (IMDG):</b> UN1760, Corrosive liquid, n.o.s. (citric acid), 8, PGIII, Ltd. Qty.      |

| SECTION XV - ADDITIONAL REGULATORY INFORMATION                       |
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| All components are listed on the US TSCA Inventory.                  |
| This product is an EPA registered pesticide EPA Reg. # 3573-53.      |
| No components of Mr. Clean are subject to California Proposition 65. |

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified with Hazard Criteria of the Canadian Control Products Regulation (CPR) and this MSDS contains all information required by the Canadian Products Regulation.

**SECTION XVI - OTHER INFORMATION**

\*N/A. - Not Applicable

\*N/K. - Not Known

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. 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.