



The Procter & Gamble Company
P&G Household Care
Fabric & Home Care Innovation Center
5299 Spring Grove Avenue
Cincinnati, OH 45217-1087

MATERIAL SAFETY DATA SHEET

MSDS #: RQ1200305B
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SECTION I - PRODUCT IDENTIFICATION

Identity: Multi-Purpose Cleaner **Finished Product**
Brands: Mr. Clean Mildew Stain Remover
P&G Telephone Number: 1-800-742-9220 or call Local Poison Control Center or your physician.
Emergency (24 hour) Telephone Number: CHEMTREC 1-800-424-9300 U.S. and Canada,
or 1-703-527-3887 - for calls originating elsewhere.

SECTION II - HAZARDS IDENTIFICATION

Potential Health Hazards:

Ingestion: Irritation of the mouth and gastrointestinal tract, with nausea, vomiting, and diarrhea.
Eye Contact: May cause stinging, tearing, itching, swelling, and/or redness of the eyes.
Skin Contact: May cause skin irritation.
Inhalation: Mild mucous membrane irritant.

Signs and Symptoms of Exposure:

Ingestion: Possible mild gastrointestinal irritation with nausea, vomiting and/or diarrhea. Large ingestions may cause temporary dizziness, lack of coordination and headache.
Eye Contact: May result in transient, superficial effects (stinging, tearing, itching, swelling and/or redness).
Skin Contact: May result in transient skin irritation (redness, swelling) upon prolonged contact with undiluted material.
Inhalation: May cause irritation, coughing

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

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</u>
Sulfuric Acid, Mono-C ₁₀₋₁₆ -Alkyl Esters, Sodium Salts	Sodium lauryl sulfate	151-21-3	1-5%	Oral (rat) = 1288 mg/kg
Sodium hypochlorite	bleach	7681-52-9	1-5%	Oral (mouse) = 5800 mg/kg
Sodium Hydroxide	Caustic Soda	1310-73-2	0.5-1.5%	Oral (rabbit) = 325 mg/kg

SECTION IV – FIRST AID INFORMATION

First Aid Procedures:

Ingestion: Dilute with fluids and treat symptomatically. For large ingestions, call a physician or poison control center. Do not induce vomiting unless they tell you to do so.

Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice if irritation persists.

Skin: Take off contaminated clothing and rinse skin immediately with plenty of water for 15-20 minutes.

Inhalation: Get fresh air. Do not breathe fumes.

Note to Physician: (if applicable): Product contains bleach.

Other: The consumer product package has the following precautionary statements:

Front: KEEP OUT OF REACH OF CHILDREN. CAUTION: MAY BE HARMFUL IF SWALLOWED. SEE BACK PANEL FOR OTHER PRECAUTIONS.

Back: EYE IRRITANT: Avoid contact with eyes. May be irritating to skin. For sensitive skin or prolonged use, wear gloves. Do not mix with other cleaning products, as irritating fumes may be released. Contains bleach. In case of contact with eyes, flush thoroughly with water. If swallowed, drink a glass of water. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

SECTION V - FIRE FIGHTING INFORMATION

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

Flammable Properties: Product in non-flammable

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: CO₂, 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: Products covered by this MSDS, in their original form, when disposed as waste, are corrosive hazardous waste, D002, according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state/provincial and federal regulations.

Methods for Containment: Contain the spill. Try to prevent from reaching waterway or sewer. Mr. Clean Your Home Pro Spray with Bleach is a RCRA corrosive hazardous waste, D002, because of its high pH.

Methods for Cleanup: Do not landfill. Hazardous waste treatment to reduce pH is necessary prior to disposal.

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: With normal use, no PPE is required. Care should be taken to avoid splashing into eyes. Eye protection provides an additional level of protection. *Occupational Setting:* For splash protection, use chemical goggles. Eye Wash fountain is desirable.

Skin Protection: With normal use, no PPE is required. If skin contact occurs, rinse immediately. Prolonged direct contact should be avoided. *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): Clear/slightly yellow liquid. Packaged in a plastic spray bottle.

Odor: Product is perfumed.

Odor Threshold: N/A

Physical State: Liquid.

Vapor Pressure (mm Hg): N/A

Vapor Density (Air=1): N/A

Boiling Point: N/A

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

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

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

Reserve Alkalinity: 0.87

Solubility in Water: Completely

Decomposition Temperature: N/A

Evaporation Rate (nBuOAc=1): N/A

Specific Gravity/Density: 1.045g/cm³

Melting/Freezing Point: N/A

pH (neat): 12.6-13.4

SECTION X - STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: Do not mix with other cleaning products

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Do not mix with other cleaning products

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

Under normal and foreseeable uses, there are no concerns for aquatic organisms exposed to product ingredients at the anticipated environmental concentrations. Relevant environmental data have been reviewed and these indicate that the product is compatible with down-the-drain disposal routes, including municipal wastewater treatment processes and septic tank systems. This product is intended for dispersive use and should not be disposed of directly into the environment.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal is to be performed in compliance with federal, state/provincial and local regulations. Products covered by this MSDS, in their original form, when disposed as waste, are corrosive hazardous waste, D002, according to Federal RCRA regulations (40 CFR 261).

Non Household Setting (federal): Do not landfill. Hazardous waste treatment to reduce pH is necessary prior to disposal.

Non-Household Setting (California): Hazardous, in accordance with 22 CCR 66261.20 through 22 CCR 66261.24

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

SECTION XIV - TRANSPORT INFORMATION

Ground Transport (US DOT): UN1760, Corrosive liquid, n.o.s. (sodium hydroxide, sodium hypochlorite), 8, PGIII, Ltd. Qty.

Air Transport (IATA): DO NOT SHIP. Finished product packaging does not meet air transport requirements.

Marine/Water Transport (IMDG): UN1760, Corrosive liquid, n.o.s. (sodium hydroxide, sodium hypochlorite), 8, PGIII, Ltd. Qty.

SECTION XV - REGULATORY INFORMATION

United States

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

SARA 313/302/304/311/312 chemicals: Sodium Hypochlorite, CAS# 7681-52-9, 1-5%
Sodium Hydroxide, CAS# 1310-73-2, 0.5-1%

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#	CERCLA RQ	Level	State				
				IL	MA	NJ	PA	RI
Sodium hypochlorite	7681-52-9	100 lbs	1-5%	X	X	X	X	
Sodium Hydroxide	1310-73-2	1000 lbs	0.5-1%	X	X	X	X	X

Canada

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

SECTION XVI - OTHER INFORMATION

P&G Hazard Ratings: Health: 1 4 = EXTREME
 Flammability: 1 3 = HIGH
 Physical hazard: 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.