

# Procter & Gamble

## Professional<sup>®</sup>

### MATERIAL SAFETY DATA SHEET

#### 1. Product and Company Identification

**Material name** Mr. Clean Professional Slicer & Kitchen Cleaner  
**Product Code** 92051462  
**Version #** 04  
**Revision date** 09-13-2012  
**Manufacturer Address** Procter & Gamble Professional  
2 P&G Plaza  
Cincinnati  
Ohio  
45202  
US  
**P&G Telephone Number:** 1-800-332-7787  
**Emergency 24-hr Telephone #:** CHEMTREC 1-800-424-9300

#### 2. Hazards Identification

##### Potential health effects

###### Routes of exposure

Inhalation. Skin contact. Eye contact.

###### Eyes

Health injuries are not known or expected under normal use. Accidental exposure will cause a moderate but transient irritation.

###### Skin

Health injuries are not known or expected under normal use. May cause transient irritation. Prolonged or repeated contact may be drying to skin.

###### Inhalation

Health injuries are not known or expected under normal use. Irritating to mucous membranes.

###### Ingestion

Health injuries are not known or expected under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

##### Potential environmental effects

Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered minimal.

#### 3. Composition / Information on Ingredients

Components	CAS #	Percent
SODIUM HYPOCHLORITE	7681-52-9	0.1-1

#### 4. First Aid Measures

##### First aid procedures

###### Eye contact

After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops and persists.

###### Skin contact

Rinse with water if prolonged contact occurs. Get medical attention if irritation develops and persists.

###### Inhalation

Move to fresh air. Get medical attention if any discomfort continues.

###### Ingestion

Drink a few glasses of water or milk. Do NOT induce vomiting. Get medical attention.

#### 5. Fire Fighting Measures

##### Environmental precautions

Prevent further leakage or spillage if safe to do so.

## Extinguishing media

**Suitable extinguishing media** Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

## Protection of firefighters

**Protective equipment and precautions for firefighters** Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

## 6. Accidental Release Measures

**Personal precautions** Keep unnecessary personnel away. Wear suitable protective clothing.

**Environmental precautions** Prevent further leakage or spillage if safe to do so.

**Clean-up methods and materials and containment measures** In case of spills, beware of slippery floors and surfaces. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

## 7. Handling and Storage

**Handling** Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of reach of children.

**Storage** Store in a cool and well-ventilated place. Keep from freezing.

## 8. Exposure Controls / Personal Protection

**Engineering controls** Provide adequate ventilation.

### Personal protective equipment

**Eye / face protection** Not normally needed. If contact is likely, chemical goggles are recommended.

**Skin protection** Not normally needed. For prolonged or repeated skin contact use suitable protective gloves.

**Respiratory protection** Not normally needed.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

**Color** Colorless to light yellow.

**Form** Liquid.

**Odor** Scented

**pH** 11.8 - 12.4

**Melting point** Not available.

**Freezing point** Not available.

**Boiling point** 212 °F (100 °C) estimated

**Flash point** >= 201.00 °F (>= 93.89 °C)

**Evaporation rate** Not available.

**Vapor pressure** 31.122426856 hPa estimated

**Specific gravity** 1

**Solubility (water)** Complete

**Partition coefficient (n-octanol/water)** Not available

**VOC** Not available.

**Percent volatile** 96.248 % estimated

**Density** 1.30 g/cm<sup>3</sup> estimated

## 10. Chemical Stability & Reactivity Information

**Chemical stability** This is a stable material.

**Conditions to avoid** Do not mix with other materials.

**Hazardous decomposition products** No hazardous decomposition products are known.

**Hazardous polymerization** Will not occur.

## 11. Toxicological Information

### Toxicological data

#### Components

#### Test Results

SODIUM HYPOCHLORITE (7681-52-9)

Acute Oral LD50 Mouse: 5800 mg/kg

Acute Oral LD50 Rat: 8.91 g/kg

**Sensitization** Not available.

**Acute effects** Causes skin and eye irritation.

**Chronic effects** Not available.

**Skin corrosion/irritation** Hazardous by OSHA criteria.

## 12. Ecological Information

### Environmental effects

Based on ecotoxicity and fate data for the individual ingredients in this specific formulation, and for related consumer household cleaning products formulations, this product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment at relevant environmental concentrations. This product is intended for dispersive use and should not be disposed of directly into the environment.

## 13. Disposal Considerations

### Disposal instructions

This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

## 14. Transport Information

### DOT

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

## 15. Regulatory Information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### US CERCLA Hazardous Substances: Reportable quantity

SODIUM HYPOCHLORITE (CAS 7681-52-9)

US CERCLA Hazardous Substances: Reportable quantity  
SODIUM HYPOCHLORITE 100 LBS

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Hazard categories

Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

#### Section 302 extremely hazardous substance

No

#### Section 311 hazardous chemical

Yes

## State regulations

### ILLRTK

Contains no Illinois Right To Know toxic substances.

### US - Connecticut Hazardous Material Survey: Listed substance

SODIUM HYPOCHLORITE (CAS 7681-52-9) LISTED

### US - Illinois Chemical Safety Act: Listed substance

SODIUM HYPOCHLORITE (CAS 7681-52-9) SODIUM HYPOCHLORITE

### US - Massachusetts RTK - Substance: Listed substance

SODIUM HYPOCHLORITE (CAS 7681-52-9) LISTED

### US - New Jersey Community RTK (EHS Survey): Listed substance

### US - New Jersey RTK - Hazardous substance

### US - New Jersey RTK - Special Hazard: Listed substance

SODIUM HYPOCHLORITE (CAS 7681-52-9) SODIUM HYPOCHLORITE SPEC\_HAZAROUS

### US - New Jersey RTK - Substances: Listed substance

SODIUM HYPOCHLORITE (CAS 7681-52-9) SODIUM HYPOCHLORITE LISTED

### US - Pennsylvania RTK - Hazardous Substances: Listed substance

SODIUM HYPOCHLORITE (CAS 7681-52-9) LISTED

### US - Rhode Island RTK - Hazardous Substances: Listed substance

Contains no Rhode Island Right To Know hazardous substances.

## Canadian regulations

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.

## Inventory Status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other Information

### HMIS® ratings

Health: 2  
Flammability: 1  
Physical hazard: 0

### NFPA ratings

Health: 2  
Flammability: 1  
Instability: 0

### 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 assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.