

Procter&Gamble

Professional®

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 Procter & Gamble Professional
Address 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 (CO2).

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/cm3 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.
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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.
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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.
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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
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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.