

Procter&Gamble

Professional®

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Mr. Clean Professional Slicer Cleaner with bleach
Product Code 92051462
Version # 01
Revision date 03-13-2012
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 small.

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.
Odor	Scented
Odor threshold	Not available.
Physical state	Liquid.
pH	11.8 - 12.4
Melting point	Not available.
Freezing point	Not available.
Boiling point	Not available.
Flash point	>= 201 °F (>= 93.9 °C)
Evaporation rate	Not available.
Vapor pressure	Not available.
Specific gravity	1
Solubility (water)	Complete
Partition coefficient (n-octanol/water)	Not available
VOC	Not available.

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.

Notes

DO NOT SHIP BY AIR. Does not meet packaging requirements for air shipments.

15. Regulatory Information

US federal regulations

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

CERCLA (Superfund) reportable quantity

SODIUM HYPOCHLORITE: 100

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 substanceContains 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.