

# Procter & Gamble

## Professional<sup>®</sup>

### MATERIAL SAFETY DATA SHEET

#### 1. Product and Company Identification

**Material name** Clean Quick Chlorine Sanitizer  
**Product Code** 98668775  
**Version #** 04  
**Revision date** 04-06-2011  
**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

Ingestion. Inhalation. Skin contact. Eye contact.

###### Eyes

Severely irritating; if not removed promptly, will injure eye tissue, which may result in permanent damage.

###### Skin

Causes burns.

###### Inhalation

May be fatal if inhaled. Large amounts of dust are corrosive to the respiratory tract. Breathing dusts can destroy the mucous membranes.

###### Ingestion

Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

##### Potential environmental effects

May cause long-term adverse effects in the environment.

#### 3. Composition / Information on Ingredients

Components	CAS #	Percent
Sodium Dichloro-S-Triazinetrione dihydrate	2893-78-9	10-30

#### 4. First Aid Measures

##### First aid procedures

###### Eye contact

Immediately rinse with water for several minutes. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately. Continue to rinse.

###### Skin contact

Remove contaminated clothing. Immediately flush skin with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention.

###### Inhalation

Move to fresh air. Perform artificial respiration if breathing has stopped and call an ambulance. Call a physician or poison control center immediately.

###### Ingestion

Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. If victim is fully conscious, give a cupful of water. If medical advice is needed, have product container or label at hand.

##### Notes to physician

If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

## 5. Fire Fighting Measures

<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water. Water spray. Dry powder. Carbon dioxide (CO <sub>2</sub> ).  Large amounts of water can extinguish thermally decomposing material, or the decomposing material can be isolated and allowed to be consumed.
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Chlorine-containing gases can be produced upon decomposition. Traces of phosgene can be liberated at high temperatures (above 400 F).  Nitrogen trichloride can be generated by reaction with water under certain conditions.
<b>Protective equipment and precautions for firefighters</b>	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

## 6. Accidental Release Measures

<b>Personal precautions</b>	Keep unnecessary personnel away. Wear suitable protective clothing.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
<b>Clean-up methods and materials and containment measures</b>	Sweep up or vacuum up spillage and collect in suitable container for disposal. DO NOT GET WATER on spilled material or inside containers. Following product recovery, flush area with water.  Never return spills in original containers for re-use.

## 7. Handling and Storage

<b>Handling</b>	Use personal protective equipment as required. Use only in area provided with appropriate exhaust ventilation. Do not get this material in contact with skin or eyes. Wash hands thoroughly after handling. Keep out of reach of children.
<b>Storage</b>	Keep away from moisture. Keep the container in a well-ventilated place. Store in a cool place in original container and protect from sunlight.

## 8. Exposure Controls / Personal Protection

<b>Engineering controls</b>	Provide adequate ventilation. Provide easy access to water supply and eye wash facilities.
<b>Personal protective equipment</b>	
<b>Eye / face protection</b>	Wear chemical goggles or face shield.
<b>Skin protection</b>	Rubber gloves. PVC or other plastic material gloves.
<b>Respiratory protection</b>	Not normally needed.
<b>General hygiene considerations</b>	Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

<b>Color</b>	White.
<b>Odor</b>	Chlorine.
<b>Odor threshold</b>	Not available.
<b>Physical state</b>	Solid.
<b>pH</b>	8.3 (1% solution)
<b>Melting point</b>	Not available.
<b>Freezing point</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Specific gravity</b>	Not available.
<b>Solubility (water)</b>	Not available.

<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>VOC</b>	0 % estimated
<b>Percent volatile</b>	0 % estimated estimated

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Stable under normal temperature conditions.
<b>Conditions to avoid</b>	Do not mix with acidic products. Avoid contact with inorganic reducing compounds, calcium hypochlorite, alkalis, and easily oxidizable organic material: ammonia, urea or similar nitrogen-containing compounds.
<b>Hazardous decomposition products</b>	Chlorine-containing gases can be produced upon decomposition. Traces of phosgene can be liberated at high temperatures (above 400 F).
<b>Hazardous polymerization</b>	Will not occur.

## 11. Toxicological Information

### Toxicological data

Components	Test Results
Sodium Dichloro-S-Triazinetrione dihydrate (2893-78-9)	Acute Oral LD50 Rat: 1420 mg/kg
<b>Sensitization</b>	Not available.
<b>Local effects</b>	Corrosive to skin and eyes. Harmful by inhalation and if swallowed.
<b>Chronic effects</b>	Not available.
<b>Skin corrosion/irritation</b>	Corrosive effects.

## 12. Ecological Information

<b>Environmental effects</b>	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

<b>Disposal instructions</b>	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. Dispose of contents/container in accordance with local/regional/national/international regulations.  Dispose of container in accordance with label instructions.
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## 14. Transport Information

### DOT

Not regulated as dangerous goods.

### IMDG

#### Basic shipping requirements:

<b>Proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Sodium Dichloro-S-Triazinetrione dihydrate), LTD QTY
<b>Hazard class</b>	9
<b>UN number</b>	3077
<b>Packing group</b>	III
<b>Marine pollutant</b>	Yes

### IATA

#### Basic shipping requirements:

<b>Proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Sodium Dichloro-S-Triazinetrione dihydrate), LTD QTY
<b>Hazard class</b>	9
<b>UN number</b>	3077
<b>Packing group</b>	III

## 15. Regulatory Information

**US federal regulations** This is an EPA-registered pesticide (Registration No. 10634-19-3573).

### CERCLA (Superfund) reportable quantity

SODIUM TRIPOLYPHOSPHATE: 5000.0000

### 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 Dichloro-S-Triazinetrione dihydrate (CAS 2893-78-9) LISTED

SODIUM TRIPOLYPHOSPHATE (CAS 7758-29-4) LISTED

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

Sodium Dichloro-S-Triazinetrione dihydrate (CAS 2893-78-9) LISTED

SODIUM SULPHATE (CAS 7757-82-6) LISTED

SODIUM TRIPOLYPHOSPHATE (CAS 7758-29-4) LISTED

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

Contains no New Jersey Right To Know special hazards.

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

Sodium Dichloro-S-Triazinetrione dihydrate (CAS 2893-78-9) LISTED

SODIUM TRIPOLYPHOSPHATE (CAS 7758-29-4) LISTED

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

Sodium Dichloro-S-Triazinetrione dihydrate (CAS 2893-78-9) LISTED

SODIUM TRIPOLYPHOSPHATE (CAS 7758-29-4) LISTED

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

Sodium Dichloro-S-Triazinetrione dihydrate (CAS 2893-78-9) LISTED

### 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: 3  
Flammability: 0  
Physical hazard: 0

### NFPA ratings

Health: 3  
Flammability: 0  
Instability: 0  
Special hazards:

**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.