

Procter & Gamble

Professional[®]

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Clean Quick Chlorine Sanitizer
Product Code 98668775
Version # 09
Revision date 02-25-2014
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

Ingestion. Inhalation. Skin contact. Eye contact.

NOTE: An exposure risk assessment has been conducted on this product as used in the workplace. The risk assessment has determined that, when the product is used according to the manufacturer's use instructions, there should be very minimal to no risk of exposure to the product by any route.

Eyes

Contact is highly unlikely when product is used according to instructions. Severely irritating; if not removed promptly, may injure eye tissue, which may result in permanent damage.

Skin

No, to minimal, contact is expected when product is used according to instructions. No effects are expected if hands are washed after incidental contact, as instructed. Strongly irritating. Prolonged contact may cause burns.

Inhalation

Contact is highly unlikely when product is used according to instructions. Large amounts of dust may be corrosive to the respiratory tract. Breathing dusts can destroy the mucous membranes.

Ingestion

Contact is highly unlikely when product is used according to instructions. Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Potential environmental effects

May cause long-term adverse effects in the environment. Considering the limited amount applied during use and the size of the package, the risk is regarded as minimal.

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

Immediately flush skin with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation develops and persists.

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

Environmental precautions No special environmental precautions required.

Extinguishing media

Suitable extinguishing media Water. Water spray. Dry powder. Carbon dioxide (CO₂).

Protection of firefighters

Specific hazards arising from the chemical 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.

Protective equipment and precautions for firefighters Wear self-contained breathing apparatus (SCBA) and full turnout gear (Bunker gear).

6. Accidental Release Measures

Personal precautions In case of spill, avoid contact and breathing dust. If visible dust is present in air, leave area and do not re-enter until no visible dust remains in air.

Environmental precautions No special environmental precautions required.

Clean-up methods and materials and containment measures Thoroughly wet spilled material and flush to drain with large amounts of water.

7. Handling and Storage

Handling Avoid contact with skin and eyes. Wash hands thoroughly after handling.

Storage 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

Engineering controls Provide adequate ventilation.
Provide suitable eye and skin flushing facilities.

Personal protective equipment

Eye / face protection Not required if product is used according to usage instructions.

Skin protection Not required if product is used according to usage instructions.

Respiratory protection Not required if product is used according to usage instructions.

General hygiene considerations Keep away from food and drink.

9. Physical & Chemical Properties

Color White.

Form Powder.

Odor Chlorine.

pH 8.3 (1% solution)

Melting point Not available.

Freezing point Not applicable

Boiling point Not applicable

| | |
|--|-------------------------|
| Flash point | Not applicable |
| Evaporation rate | Not applicable |
| Vapor pressure | Not applicable |
| Specific gravity | Not applicable |
| Solubility (water) | Complete |
| Partition coefficient (n-octanol/water) | Not available |
| VOC | Not available. |
| Percent volatile | 0 % estimated estimated |
| Density | 1.40 g/cm ³ |

10. Chemical Stability & Reactivity Information

| | |
|---|---|
| Chemical stability | Stable under normal temperature conditions. |
| Conditions to avoid | Strong oxidizer. Mix only with water. 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. |
| Hazardous decomposition products | Chlorine-containing gases can be produced upon decomposition. Traces of phosgene can be liberated at high temperatures (above 400 F). |
| Hazardous polymerization | 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

| | |
|----------------------------------|--|
| Sensitization | Not available. |
| Local effects | Severe eye irritation. Strong irritant to skin. Large amounts of dust may be corrosive to the respiratory tract. Breathing dusts can destroy the mucous membranes. |
| Chronic effects | Not available. |
| Skin corrosion/irritation | Strongly irritating. Prolonged contact may cause burns. |

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. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose of container in accordance with label instructions. |
|------------------------------|--|

14. Transport Information

DOT

Not regulated as dangerous goods.

IMDG

Basic shipping requirements:

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

IATA

Basic shipping requirements:

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

15. Regulatory Information

US federal regulations

This is an EPA-registered pesticide (Registration No. 10634-19-3573).

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: CAUTION: Causes eye irritation. May be harmful if swallowed.

The FIFRA label information is prescriptive and the hazard warning statements are defined by the Toxicity Classification of the active ingredient in the product. An exposure risk assessment considers not only the potential hazards of the chemical material, but also considers the risk of exposure to the user when the product is used in the workplace according to the manufacturer's instructions.

US CERCLA Hazardous Substances: Reportable quantity

SODIUM TRIPOLYPHOSPHATE (CAS 7758-29-4)

US CERCLA Hazardous Substances: Reportable quantity
SODIUM PHOSPHATE, TRIBASIC 5000 lbs

Superfund Amendments and Reauthorization Act of 1986 (SARA)

| | |
|--------------------------|--|
| Hazard categories | Immediate Hazard - Yes Delayed Hazard - Yes 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 - Illinois Chemical Safety Act: Listed substance

SODIUM PHOSPHATE, TRIBASIC (CAS 7758-29-4) SODIUM PHOSPHATE, TRIBASIC

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 Community RTK (EHS Survey): Listed substance

US - New Jersey RTK - Hazardous substance

US - New Jersey RTK - Special Hazard: Listed substance

Sodium Dichloro-S-Triazinetrione dihydrate (CAS 2893-78-9) SODIUM DICHLOROISOCYANURATE SPEC_HAZAROUS

US - New Jersey RTK - Substances: Listed substance

Sodium Dichloro-S-Triazinetrione dihydrate (CAS 2893-78-9) SODIUM DICHLOROISOCYANURATE 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 TRIPOLYPHOSPHATE (CAS 7758-29-4) 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: 1
Physical hazard: 0

NFPA ratings

Health: 3
Flammability: 1
Instability: 1
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.