

# Procter & Gamble

## Professional<sup>®</sup>

### MATERIAL SAFETY DATA SHEET

#### 1. Product and Company Identification

**Material name** US: Clean Quick Broad Range Quaternary Sanitizer - (concentrate form) Canada: Clean Quick Broad Range Quaternary (concentrate form)

**Product Code** 95336935

**Version #** 10

**Revision date** 11-09-2011

**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** Causes severe or permanent damage. Corrosive.

**Skin** Corrosive effects.

**Inhalation** Dust may irritate throat and respiratory system and cause coughing.

**Ingestion** May be fatal if swallowed. Burning sensation in mouth. Ingestion causes burns of the upper digestive and respiratory tracts. Severe swelling of the larynx, skeletal muscle paralysis affecting the ability to breathe, circulatory shock and convulsions.

**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
BENZYL ALKYLDIMETHYLAMMONIUM CHLORIDE	68424-85-1	5-10
1-OCTANAMINIUM,N,N-DIMETHYL-N-OCTYL-, CHLORIDE	5538-94-3	3-7
1-DECANAMINIUM,N,N-DIMETHYL-N-OCTYL-, CHLORIDE	32426-11-2	1-5
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	1-5

#### 4. First Aid Measures

##### First aid procedures

**Eye contact** Immediately rinse with water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if symptoms persist.

**Skin contact** Wash affected area with mild soap and water. Get medical attention if irritation develops and persists.

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

**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**

Do not allow to enter drains, sewers or watercourses.

**Extinguishing media****Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>). Water. Alcohol foam. Dry chemical powder.

**Protection of firefighters****Specific hazards arising from the chemical**

Combustion causes toxic fumes

**Protective equipment and precautions for firefighters**

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**6. Accidental Release Measures****Personal precautions**

Wear necessary protective equipment.

**Environmental precautions**

Do not allow to enter drains, sewers or watercourses.

**Clean-up methods and materials and containment measures**

DANGER -- CORROSIVE

Do not allow the spilled product to enter public drainage system or open water courses. Contain spillages with sand, earth or any suitable adsorbent material. Absorb spill with vermiculite or other inert material. Transfer to a container for disposal. Collect and dispose of spillage as indicated in section 13 of the MSDS. Flush with plenty of water to clean spillage area.

**7. Handling and Storage****Handling**

Wear appropriate personal protective equipment. Follow instructions and ensure correct dilution of this product before use. Keep away from food, drink and animal feedingstuffs. Do not reuse the empty container. Keep container closed when not in use.

**Storage**

Store in original container. Keep this material away from food, drink and animal feed. Keep out of reach of children. Store in a cool and well-ventilated place.

**Handling****Precautions**

Wear appropriate personal protective equipment. Do not get in eyes, on skin, on clothing. Do not breathe the mist or vapor. Do not reuse this container.

**8. Exposure Controls / Personal Protection****Engineering controls**

Provide adequate ventilation. Provide easy access to water supply and eye wash facilities.

**Personal protective equipment****Eye / face protection**

Wear safety glasses; chemical goggles (if splashing is possible).

**Skin protection**

Wear suitable protective clothing and gloves.

**Respiratory protection**

No protection is ordinarily required under normal conditions of use and with adequate ventilation.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice.

**9. Physical & Chemical Properties****Color**

Red

**Odor**

Sweet

**Odor threshold**

Not available.

**Physical state**

Liquid.

**pH**

6 - 8

**Melting point**

Not available.

<b>Freezing point</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Flash point</b>	>= 201 °F (>= 93.9 °C)
<b>Evaporation rate</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Specific gravity</b>	0.98 - 1
<b>Solubility (water)</b>	100 %
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>VOC</b>	Not available.
<b>Percent volatile</b>	85.92 % estimated

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	Not known.
<b>Materials to avoid</b>	Strong oxidizing agents. Strong reducing agents.
<b>Hazardous decomposition products</b>	Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride, amines and other organic materials, and oxides of carbon and nitrogen.
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.

## 11. Toxicological Information

### Toxicological data

Components	Test Results
1-DECANAMINIUM,N,N-DIMETHYL-N-OCTYL-, CHLORIDE (32426-11-2)	Acute Oral LD50 Rat: 200 - 2000 mg/kg
1-OCTANAMINIUM,N,N-DIMETHYL-N-OCTYL-, CHLORIDE (5538-94-3)	Acute Oral LD50 Mouse: 50 mg/kg
BENZYL ALKYL DIMETHYLAMMONIUM CHLORIDE (68424-85-1)	Acute Oral LD50 Rat: 426 mg/kg
DIDECYLDIMETHYLAMMONIUM CHLORIDE (7173-51-5)	Acute Dermal LD50 Rabbit: 2730 mg/kg Acute Oral LD50 Mouse: 268 mg/kg Acute Oral LD50 Rat: 84 mg/kg Acute Other LD50 Mouse: 11 mg/kg Acute Other LD50 Rat: 45 mg/kg

**Sensitization** Not available.

**Skin corrosion/irritation** Not available.

## 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. Do not allow this material to drain into sewers/water supplies.

Dispose of container in accordance with label instructions.

## 14. Transport Information

### DOT

#### Basic shipping requirements:

**Proper shipping name** Disinfectant, liquid, corrosive, n.o.s. (BENZYL ALKYLDIMETHYLAMMONIUM CHLORIDE, 1-OCTANAMINIUM,N,N-DIMETHYL-N-OCTYL-,CHLORIDE) LTD QTY  
[may be shipped as a CONSUMER COMMODITY ORM-D through 12/31/2013]

**Hazard class** 8

**UN number** 1903

**Packing group** III

**Additional information:**

**ERG number** 153

### IMDG

#### Basic shipping requirements:

**Proper shipping name** Disinfectant, liquid, corrosive, n.o.s. (BENZYL ALKYLDIMETHYLAMMONIUM CHLORIDE, 1-OCTANAMINIUM,N,N-DIMETHYL-N-OCTYL-,CHLORIDE) LTD QTY

**Hazard class** 8

**UN number** 1903

**Packing group** III

### IATA

#### Basic shipping requirements:

**Proper shipping name** Disinfectant, liquid, corrosive, n.o.s. (BENZYL ALKYLDIMETHYLAMMONIUM CHLORIDE, 1-OCTANAMINIUM,N,N-DIMETHYL-N-OCTYL-,CHLORIDE) LTD QTY

**Hazard class** 8

**UN number** 1903

**Packing group** III

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

## 15. Regulatory Information

**US federal regulations** This is an EPA-registered pesticide (Registration No. 6836-278-3573 / CDPR 6836-278-AA-3573).

### CERCLA (Superfund) reportable quantity

None

### 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** No

### State regulations

#### ILLRTK

Contains no Illinois Right To Know toxic substances.

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

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

Contains no Massachusetts Right To Know substances.

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

**US - New Jersey RTK - Hazardous substance**

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

Contains no New Jersey Right To Know special hazards.

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

Contains no New Jersey Right To Know Substances

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

Contains no Pennsylvania Right To Know hazardous substances

**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: 3  
Flammability: 1  
Physical hazard: 0

**NFPA ratings**

Health: 3  
Flammability: 1  
Instability: 0

**Disclaimer**

The submission of the MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied are for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific product designated herein, and does not relate to use in combination with any other material of any other process. 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 controlled product.