

Procter & Gamble

Professional[®]

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 # 08

Revision date 11-29-2010

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 (CO₂). 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 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.

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 0.98 - 1

Solubility (water)	100 %
Partition coefficient (n-octanol/water)	Not available
VOC	Not available.
Percent volatile	85.92 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Not known.
Materials to avoid	Strong oxidizing agents. Strong reducing agents.
Hazardous decomposition products	Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride, amines and other organic materials, and oxides of carbon and nitrogen.
Hazardous polymerization	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 ALKYLDIMETHYLAMMONIUM 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 Consumer Commodity
Hazard class ORM-D

IMDG

Basic shipping requirements:

Proper shipping name Disinfectants, liquid, corrosive, n.o.s. (1-OCTANAMINIUM,N,N-DIMETHYL-N-OCTYL-, CHLORIDE DIDECYLDIMETHYLAMMONIUM CHLORIDE)
Hazard class 8
UN number 1903

Packing group III

IATA

Basic shipping requirements:

Proper shipping name Disinfectant, liquid, corrosive, n.o.s. (1-DECANAMINIUM,N,N-DIMETHYL-N-OCTYL-, CHLORIDE 1-OCTANAMINIUM,N,N-DIMETHYL-N-OCTYL-, CHLORIDE)

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 - Massachusetts RTK - Substance: Listed substance

Contains no Massachusetts Right To Know substances.

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: 4
Flammability: 1
Physical hazard: 0

NFPA ratings

Health: 4
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.