

Clorox Professional Products Company

1221 Broadway
Oakland, CA 94612
Tel. (510) 271-7000

**Material Safety
Data Sheet**

I Product: CLOROX COMMERCIAL SOLUTIONS® PRO QUATERNARY ALL-PURPOSE DISINFECTANT CLEANER 1

Description: CLEAR BLUE LIQUID

Other Designations **Distributor** **Emergency Telephone Nos.**

EPA # 1836-166-67619

The Clorox Sales Company
1221 Broadway
Oakland, CA 94612

For Medical Emergencies call:
(800) 446-1014
For Transportation Emergencies, call Chemtrec:
(800) 424-9300

II Health Hazard Data

DANGER: CORROSIVE. May be corrosive to the skin and eyes. May be harmful if swallowed.

FIRST AID:

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. If irritation persists, see a doctor.

SKIN CONTACT: Remove contaminated clothing. Immediately flush skin with plenty of water for at least 15-20 minutes. Call a poison control center or doctor for treatment advice. Wash contaminated clothing before reuse.

INGESTION: Do not induce vomiting. Drink a glassful of water. Immediately Call a poison control center or doctor for treatment advice. Do not give anything by mouth to an unconscious or convulsing person.

INHALATION: If breathing problems develop, move the person to fresh air. If the person is not breathing, call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth, if possible. Seek medical attention if respiratory irritation develops or breathing becomes difficult.

III Hazardous Ingredients

<u>Ingredients</u>	<u>Concentration</u>	<u>Worker Exposure Limit</u>
Alkyl dimethylbenzyl ammonium chloride (C12-16) CAS # 68424-85-1	1 - 5%	Not established
Di-(C8-10)-alkyldimethyl chlorides CAS # 68424-95-3	1 - 5%	Not established
Diocetyl dimethylammonium chloride CAS # 5538-94-3	1 - 5%	Not established
Didecyl dimethyl ammonium chloride CAS # 7173-51-5	1 - 5%	Not established
Ethyl alcohol CAS # 64-17-5	1 - 5%	1000 ppm - TLV-TWA 1000 ppm - PEL

TLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average

PEL = OSHA Permissible Exposure Limit - Time Weighted Average

None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.

IV Special Protection and Precautions

Hygienic Practices: Wash hands after direct contact. Wear chemical resistant gloves if repeated or prolonged use. Do not wear product contaminated clothing for prolonged periods.

Engineering Controls: Use general ventilation to minimize exposure to product vapor or mist.

Personal Protective Equipment: Wear safety glasses. Wear chemical resistant gloves for repeated or prolonged skin contact.

V Transportation and Regulatory Data

DOT/IATA/IMDG: UN 1760, Corrosive Liquid N.O.S. (quaternary ammonium chloride) Class 8, PG III.

EPA - SARA Title III/CERCLA:
SARA 311/312 reportable hazard categories: Immediate acute
Contains no chemicals which are regulated under Section 304 or 313/CERCLA.

TSCA STATUS: All components of this product are on the TSCA Inventory.

VI Spill Procedures/Waste Disposal

Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.

VII Reactivity Data

Stable under normal use and storage conditions.

Conditions to avoid: Oxidizers

VIII Fire and Explosion Data

Flash Point: >200 °F

Fire Extinguishing Agents: Foam, Dry Chemical, Water, CO₂

Products of Combustion: Thermal decomposition or burning may produce toxic vapors or gases, including oxides of carbon and nitrogen.

IX Physical Data

pH.....~6.6

Solubility in Water..... complete

Specific Gravity (H₂O=1) 1.0 g/ml