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 # 1839-166-67619	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. Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. Harmful if swallowed. May affect breathing.

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: Immediately move the affected person to fresh air. If the person is not breathing, call 911 or an ambulance, and then give artificial respiration. Call a poison control center or doctor for treatment advice. High vapor or aerosol mist concentrations may be irritating to the nose, throat and upper respiratory tract. Excessive inhalation of this material causes headache, dizziness, nausea and loss of motor skills.

III Hazardous Ingredients

Ingredients	Concentration	Worker Exposure Limit
Alkyl(40% C_{12}, 50% C_{14}, 10% C_{16}) dimethyl benzyl ammonium chloride CAS # 68424-85-1	1 - 5%	Not established
Octyl decyl dimethyl ammonium chloride CAS # 68424-95-3	1 - 5%	Not established
Dioctyl dimethyl ammonium 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: Do not use undiluted product. Read label carefully and follow dilution instructions on the product label. Avoid breathing of vapors, mists or spray. Wash hands after direct contact. Remove contaminated clothes and wash before reuse.

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

Personal Protective Equipment: Wear goggles or face shield, rubber gloves, and protective clothing. Wear chemical resistant gloves for repeated or prolonged skin contact. If inhalation exposure limits are exceeded or if irritation is experienced, NIOSH-approved respiratory protection should be worn.

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: This product is regulated under Sections 311/312. It contains no chemicals that are regulated under Section 313 or Section 304/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 ºF

Fire Extinguishing Agents: Foam, Dry Chemical, Water, CO_2

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 (H_2O=1) .....1.0 g/mL

DATE PREPARED 2/09