

Clorox Professional Products Company

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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	III Hazardous Ingredients		
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.	<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 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	V Transportation and Regulatory Data
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.	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	VII Reactivity Data
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.	Stable under normal use and storage conditions. Conditions to avoid: Oxidizers

VIII Fire and Explosion Data	IX Physical 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.	pH.....~6.6 Solubility in Water..... complete Specific Gravity (H₂O=1) 1.0 g/ml