

## **Clorox Professional Products Company**

Oakland, CA 94612 Tel. 1-510-271-7000

## **Material Safety Data Sheet**

I Product: CLOROX COMMI	ERCIAL SOLUTIONS	S® CLOROX® 4 IN ON	E DISINFECTANT & SANIT	TIZER
Description: CLEAR, COLORL	ESS, THIN LIQUID \	WITH AN ORANGE, CI	TRUS ODOR	
		ibutor Emergency Telephone Nos.		
EPA Reg. No. 67619-29 1221 E		For Medical Emergencies, call 1-800-446-1014.  For Transportation Emergencies, call 1-800-424-9300 (Chemtrec).		
II Health Hazard Data		III Hazardous Ingredients		
Cause moderate eye irritation. Inhalation of high concentrations may cause irritation of the respiratory tract, headaches, dizziness, nausea, vomiting, and malaise. Ingestion may cause central nervous system depression, gastrointestinal irritation, nausea, vomiting, and diarrhea.		Ingredient Ethanol CAS # 64-17-5	Concentration 50 - 75%	Worker Exposure Limit 1000 ppm - TLV-TWA <sup>a</sup> 1000 ppm - PEL <sup>b</sup>
No medical conditions are known to be aggravated by exposure to this product.		Dipropylene glycol CAS # 25265-71-8	3 - 7%	Not established.
FIRST AID:		Propane CAS # 74-98-6	1 - 5%	1000 ppm - TLV-TWA <sup>a,c</sup> 1000 ppm – PEL <sup>b</sup>
EYE CONTACT: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If irritation persists, call a doctor.  SKIN CONTACT: Wash skin with soap and water. If irritation persists, call a doctor.  INGESTION: Drink a glassful of water. Call a doctor or poison control center.  INHALATION: Move person to fresh air. If breathing problems develop, call a doctor.		<sup>a</sup> TLV-TWA = ACGIH Threshold Limit Value - Time Weighted Average <sup>b</sup> PEL = OSHA Permissible Exposure Limit - Time Weighted Average <sup>c</sup> ACGIH TLV-TWA for aliphatic hydrocarbon gases (C1-C4 alkanes)  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 with soap and water after use.		DOT: Consumer Commodity ORM-D.		
Engineering Controls: Use local exhaust to minimize exposure to product		IMDG: Aerosols, flammable, n.o.s., UN1950, Class 2.1, limited quantity.		
mist.  Personal Protective Equipment: Wear safety glasses. Wear rubber or neoprene gloves if there is the potential for repeated or prolonged skin contact. In situations where exposure limits may be exceeded, a NIOSH-approved respirator is advised.		IATA: Aerosols, flammable, n.o.s., UN1950, Class 2.1.  EPA - SARA Title III/CERCLA: This product is regulated under Sections 311/312. This product contains no chemicals that are regulated under Section 313 or under Section 304/CERCLA.		
Use only in well-ventilated areas. Contents under pressure. Keep away from heat, sparks, and open flame. Store at temperatures below 54°C. Do not puncture or incinerate container. Store in accordance with NFPA 30B for Level 2 aerosols.		TSCA 8(b): All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.  TSCA 12(b): This product is not subject to TSCA 12(b) reporting requirements.		
VI Spill Procedures/Waste Disposal		VII Reactivity Data		
<u>Spill Procedures</u> : WARNING - FLAMMABLE. Elim sources of ignition, and ventilate area. Wear respiratory spills. Absorb and containerize. Do not flush into surface sewer system. <u>Waste Disposal</u> : Dispose of in accordance with all applied and local regulations.	e water or sanitary		use and storage conditions. oxidizers, inorganic acids, a	
VIII Fire and Explosion Data		IX Physical Data		
Flashpoint (liquid): 19°C (closed cup)		•		6.5 - 8.5
Flame extension: 18 inches without flashback		Specific gravity (liquic	pecific gravity (liquid)	
Fire Extinguishing Agents: Dry chemical, carbon dioxide (CO <sub>2</sub> ), foam, or vater spray.		Solubility in water (liq	uid)	Soluble
Fire and Explosion Hazards//Protective Equipment: Contait temperatures greater than 54°C. Cool exposed contained bursting or venting. Use equipment or shielding to protoursting containers.	rs to avoid potential			
NFPA Aerosol Classification: Level 2.				
Keep containers cool with water spray. Alcohol flames may not be readily visible.				