



Clorox Professional Products Company

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Material Safety Data Sheet

I Product: COMMERCIAL SOLUTIONS® CLOROX CLEAN-UP® DISINFECTANT CLEANER WITH BLEACH		
Description: CLEAR, FAINT YELLOW LIQUID WITH CHARACTERISTIC BLEACH ODOR		
Other Designations	Distributor	Emergency Telephone Nos.
EPA Reg. No. 5813-21-67619	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call: (800)446-1014 For Transportation Emergencies Chemtrac (800) 424-9300

II Health Hazard Data	III Hazardous Ingredients		
Moderate eye irritant. Mild to moderate skin irritant. Occasional clinical reports suggest a low potential for skin sensitization upon exaggerated exposure to sodium hypochlorite if skin damage (e.g., irritation) occurs during exposure. Routine clinical tests conducted on intact skin with this product found no sensitization in the test subjects. Exposure to vapor or mist may irritate eyes, nose, throat, lungs. Harmful if swallowed. May cause nausea and vomiting if swallowed. The following medical conditions may be aggravated by exposure to high concentrations of vapor or mist: heart conditions or chronic respiratory problems such as asthma, emphysema, chronic bronchitis or obstructive lung disease. Under normal consumer-use conditions, the likelihood of any adverse health effects is low.	<u>Ingredient</u>	<u>Concentration</u>	<u>Worker Exposure Limit</u>
<u>FIRST AID:</u>	Sodium hypochlorite CAS #7681-52-9	1-5%	Not established
<u>EYE CONTACT:</u> Remove any contact lenses, and flush eyes thoroughly with water for 15 minutes. If irritation persists, call a physician.	Sodium hydroxide CAS #1310-73-2	0.5-2%	2 mg/m ³ TLV-STEL ^a 2 mg/m ³ PEL ^b
<u>SKIN CONTACT:</u> Remove contaminated clothing; wash affected skin with water.			Federal OSHA PEL
<u>IF BREATHING IS AFFECTED:</u> Get fresh air immediately.	^a TLV-STEL =ACGIH Threshold Limit Value-Short Term Exposure Limit PEL = OSHA Permissible Exposure Limit-Time weighted average		
<u>IF SWALLOWED:</u> Drink a glass of water. Call a physician.	None of the ingredients in this product are on the IARC, OSHA or NTP carcinogen lists.		

IV Special Protection and Precautions	V Transportation and Regulatory Data
<u>Hygienic Practices:</u> Do not get in eyes or on clothing. Avoid prolonged or repeated skin contact. Avoid prolonged breathing of vapor. Use only in well-ventilated areas.	<u>DOT/IATA/IMDG:</u> Not restricted.
<u>Personal Protection:</u> Wear safety glasses. For sensitive skin or repeated/prolonged use, wear gloves.	<u>EPA SARA Title III/CERCLA:</u> Product is regulated under Sections 311/312. This product contains no chemicals regulated under Section 313 and contains sodium hydroxide and sodium hypochlorite which are regulated under Section 304/CERCLA.
<u>Ventilation:</u> Use general ventilation to minimize exposure to gases or aerosols associated with this product.	

VI Spill Procedures/Waste Disposal	VII Reactivity Data
<u>Spill Procedures:</u> Absorb and containerize. Wash down residual to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.	Stable under normal use and storage conditions. Strong oxidizing agent. Reacts with other household chemicals such as toilet bowl cleaners, rust removers, acids or ammonia-containing products to produce hazardous gases, such as chlorine and other chlorinated compounds. Prolonged contact with metal or old porcelain may cause pitting or discoloration.
<u>Waste Disposal:</u> Dispose of in accordance with all applicable federal, state, and local regulations.	

VIII Fire and Explosion Data	IX Physical Data
<u>Flashpoint:</u> greater than 200°F	pH: 12.4 - 12.8
<u>Fire Extinguishing Agents:</u> Water spray, dry chemical or carbon dioxide (CO ₂).	Solubility in water: Completely soluble
<u>Special Fire-Fighting Procedures:</u> None	Specific gravity (water = 1): 1.034 at 25° C
<u>Unusual Fire and Explosion Hazards:</u> None	