

**The Clorox Company**

1221 Broadway  
Oakland, CA 94612  
Tel. 1-510-271-7000

# Material Safety Data Sheet

<b>I Product:</b> CLOROX® PROFESSIONAL™ CLEANER WITH BLEACH											
<b>Description:</b> CLEAR, PALE YELLOW, THIN LIQUID WITH A CITRUS, HERBACEOUS, BLEACH ODOR											
	<b>Distributor</b>	<b>Emergency Telephone Nos.</b>									
	The Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies, call 1-800-446-1014.  For Transportation Emergencies, call 1-800-424-9300 (Chemtrec).									
<b>II Health Hazard Data</b>		<b>III Hazardous Ingredients</b>									
<p>Eye irritant. May cause skin irritation. Exposure to vapor or mist may irritate eyes, nose, throat, and lungs.</p> <p>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, or obstructive lung disease.</p> <p><b>FIRST AID:</b></p> <p><b>EYE CONTACT:</b> 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.</p> <p><b>SKIN CONTACT:</b> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation develops, call a doctor.</p> <p><b>INGESTION:</b> Call a poison control center or doctor immediately. Have person sip a glassful of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor.</p> <p><b>INHALATION:</b> Move person to fresh air. If breathing is affected, call a doctor.</p>		<table border="1"><thead><tr><th>Ingredient</th><th>Concentration</th><th>Worker Exposure Limit</th></tr></thead><tbody><tr><td>Sodium hypochlorite CAS # 7681-52-9</td><td>1 - 5%</td><td>Not established.</td></tr><tr><td>Sodium hydroxide CAS # 1310-73-2</td><td>0.1 - 1%</td><td>2 mg/m<sup>3</sup> - TLV-C<sup>a</sup> 2 mg/m<sup>3</sup> - PEL<sup>b</sup></td></tr></tbody></table> <p><sup>a</sup>TLV-C = ACGIH Threshold Limit Value - Ceiling <sup>b</sup>PEL = OSHA Permissible Exposure Limit - Time Weighted Average</p> <p>None of the materials in this product are on the IARC, NTP, or OSHA carcinogen lists.</p>	Ingredient	Concentration	Worker Exposure Limit	Sodium hypochlorite CAS # 7681-52-9	1 - 5%	Not established.	Sodium hydroxide CAS # 1310-73-2	0.1 - 1%	2 mg/m <sup>3</sup> - TLV-C <sup>a</sup> 2 mg/m <sup>3</sup> - PEL <sup>b</sup>
Ingredient	Concentration	Worker Exposure Limit									
Sodium hypochlorite CAS # 7681-52-9	1 - 5%	Not established.									
Sodium hydroxide CAS # 1310-73-2	0.1 - 1%	2 mg/m <sup>3</sup> - TLV-C <sup>a</sup> 2 mg/m <sup>3</sup> - PEL <sup>b</sup>									
<b>IV Special Protection and Precautions</b>		<b>V Transportation and Regulatory Data</b>									
<p><b>Hygienic Practices:</b> Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.</p> <p><b>Engineering Controls:</b> Use local exhaust to minimize exposure to product mist.</p> <p><b>Personal Protective Equipment:</b> 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.</p>		<p><b>DOT:</b> Not restricted.</p> <p><b>IMDG:</b> Environmentally hazardous substance, liquid, n.o.s., UN3082, Class 9, PGIII.</p> <p><b>IATA:</b> Environmentally hazardous substance, liquid, n.o.s., UN3082, Class 9, PGIII.</p> <p><b>EPA - SARA Title III/CERCLA:</b> This product is regulated under Sections 311/312. This product contains no chemicals that are regulated under Section 313 and contains sodium hypochlorite and sodium hydroxide that are regulated under Section 304/CERCLA.</p> <p><b>TSCA 8(b):</b> All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.</p> <p><b>TSCA 12(b):</b> This product is not subject to TSCA 12(b) reporting requirements.</p>									
<b>VI Spill Procedures/Waste Disposal</b>		<b>VII Reactivity Data</b>									
<p><b>Spill Procedures:</b> Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material. For spills of multiple products, responders should evaluate the MSDS's of the products for incompatibility with sodium hypochlorite. Breathing protection should be worn in enclosed and/or poorly-ventilated areas until hazard assessment is complete.</p> <p><b>Waste Disposal:</b> Dispose of in accordance with all applicable federal, state, and local regulations.</p>		<p>Stable under normal use and storage conditions.</p> <p>Reacts with other household chemicals such as products containing ammonia, toilet bowl cleaners, rust removers, vinegar, or acids to produce hazardous gases, such as chlorine and other chlorinated compounds.</p> <p>Prolonged contact with metal, old porcelain, or worn plastic laminate may cause pitting or discoloration.</p>									
<b>VIII Fire and Explosion Data</b>		<b>IX Physical Data</b>									
Not flammable or explosive.		pH..... 12.4 - 12.8 Specific gravity.....~1.03 Solubility in water .....Soluble									