



**The Clorox Company**

1212 Broadway  
Oakland, CA 94612  
Tel. (510) 271-7000

# Material Safety Data Sheet

<b>I Product:</b>	CLOROX® LEMON FRESH BLEACH	
<b>Description:</b>	CLEAR, PALE YELLOW, THIN LIQUID WITH A LEMON, CITRUS, 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>		
Eye irritant. May cause skin irritation. May be harmful if swallowed.  No medical conditions are known to be aggravated by exposure to this product.  <u>FIRST AID:</u>  <u>EYE CONTACT:</u> Immediately rinse with water for 15 minutes. Call a doctor.  <u>SKIN CONTACT:</u> Rinse with water. If irritation persists, call a doctor.  <u>INGESTION:</u> Drink a glassful of water. Call a doctor or poison control center. Do not induce vomiting unless told to do so by a poison control center or doctor.  <u>INHALATION:</u> Remove to fresh air. If breathing problems develop, call a doctor.	<u>Ingredient</u>	<u>Concentration</u>	<u>Worker Exposure Limit</u>
	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>
	<sup>a</sup> TLV-C = ACGIH Threshold Limit Value - Ceiling. <sup>b</sup> TLV-TWA = OSHA Permissible Exposure Limit - Time Weighted Average.		
	None of the materials in this product are on the IARC, NTP, or OSHA carcinogen lists.		

<b>IV Special Protection and Precautions</b>	<b>V Transportation and Regulatory Data</b>		
<u>Hygienic Practices:</u> Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.  <u>Engineering Controls:</u> Use general ventilation to minimize exposure to product mist.  <u>Personal Protective Equipment:</u> 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	<u>DOT:</u> Not restricted.  <u>IMDG:</u> Environmentally hazardous substance, liquid, n.o.s., UN3082, Class 9, PGIII.  <u>IATA:</u> Environmentally hazardous substance, liquid, n.o.s., UN3082, Class 9, PGIII.  <u>EPA - SARA Title III/CERCLA:</u> 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.  <u>TSCA 8(b):</u> All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.  <u>TSCA 12(b):</u> This product is not subject to TSCA 12(b) reporting requirements.		

<b>VI Spill Procedures/Waste Disposal</b>	<b>VII Reactivity Data</b>		
<u>Spill Procedures:</u> 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 MSDSs 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.  <u>Waste Disposal:</u> Dispose of in accordance with all applicable federal, state, and local regulations.	Stable under normal use and storage conditions.  Reacts with other household chemicals such as acid toilet bowl cleaners, rust removers, acids, and ammonia-containing products to produce hazardous gases, such as chlorine and other chlorinated compounds.		

<b>VIII Fire and Explosion Data</b>	<b>IX Physical Data</b>		
Not flammable or explosive.	pH.....~12.5 Specific gravity.....~1.05 Solubility in water .....Soluble		