



**The Clorox Company**

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

**Material Safety  
Data Sheet**

<b>I Product:</b> CLOROX® KITCHEN CLEANER + BLEACH													
<b>Description:</b> CLEAR, THIN LIQUID WITH A FRESH, FLORAL ODOR													
<b>Other Designations</b>	<b>Distributor</b>												
	The Clorox Sales Company 1221 Broadway Oakland, CA 94612												
<b>Emergency Telephone Nos.</b>													
For Medical Emergencies call: (800) 446-1014 For Transportation Emergencies, call Chemtrec: (800) 424-9300													
<b>II Health Hazard Data</b>	<b>III Hazardous Ingredients</b>												
Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. No medical conditions are known to be aggravated by exposure to this product.	<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>0.1 - 1%</td> <td>Not established.</td> </tr> <tr> <td>Sodium metasilicate CAS# 6834-92-0</td> <td>0.1 - 1%</td> <td>Not established.</td> </tr> <tr> <td>Sodium hydroxide CAS# 1310-73-2</td> <td>0.1 - 1%</td> <td>10 mg/m<sup>3</sup> - NIOSH-IDLH<sup>a</sup> 2 mg/m<sup>3</sup> - TLV-C<sup>b</sup> 2 mg/m<sup>3</sup> - OSHA-PEL<sup>c</sup></td> </tr> </tbody> </table>	Ingredient	Concentration	Worker Exposure Limit	Sodium hypochlorite CAS# 7681-52-9	0.1 - 1%	Not established.	Sodium metasilicate CAS# 6834-92-0	0.1 - 1%	Not established.	Sodium hydroxide CAS# 1310-73-2	0.1 - 1%	10 mg/m <sup>3</sup> - NIOSH-IDLH <sup>a</sup> 2 mg/m <sup>3</sup> - TLV-C <sup>b</sup> 2 mg/m <sup>3</sup> - OSHA-PEL <sup>c</sup>
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<b>FIRST AID:</b>	<sup>a</sup> NIOSH Immediately Dangerous to Life or Health												
<b>EYE CONTACT:</b> Rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If irritation persists, call a doctor.	<sup>b</sup> ACGIH Threshold Limit Value - Ceiling												
<b>SKIN CONTACT:</b> Rinse with plenty of water. If irritation persists, call a doctor.	<sup>c</sup> OSHA Permissible Exposure Limit - Time Weighted Average												
<b>INHALATION:</b> Remove to fresh air. If breathing problems develop, call a doctor.	None of the ingredients in this product are on the IARC, OSHA, or NTP carcinogen lists.												
<b>INGESTION:</b> Drink a glassful of water. Call a doctor or poison control center.													
<b>IV Special Protection and Precautions</b>	<b>V Transportation and Regulatory Data</b>												
No special protection or precautions have been identified for using this product under directed use conditions.	<b>DOT/IATA/IMDG:</b> Not restricted.												
The following recommendations are given for production facilities and for other conditions and situations where there is increased potential for accidental, large scale or prolonged exposure.	<b>EPA - SARA Title III/CERCLA:</b> This product is regulated under Sections 311/312. This product contains no chemicals regulated under Section 313. It does contain sodium hydroxide and sodium hypochlorite, which are regulated under Section 304/CERCLA.												
<b>Hygienic Practices:</b> Wash thoroughly with soap and water after handling. Do not wear product-contaminated clothing for prolonged periods.	<b>TSCA 8(b):</b> All components of this product are either on the TSCA 8(b) inventory or otherwise exempt from listing.												
<b>Engineering Controls:</b> Use general ventilation to minimize exposure to product vapor.	<b>TSCA 12(b):</b> This product is not subject to TSCA 12(b) reporting requirements.												
<b>Personal Protective Equipment:</b> Wear rubber or nitrile gloves if there is the potential for repeated or prolonged skin contact. In situations where adequate local exhaust is not available, a NIOSH-approved respirator is advised.													
<b>VI Spill Procedures/Waste Disposal</b>	<b>VII Reactivity Data</b>												
<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.	Stable under normal use and storage conditions.												
<b>Waste Disposal:</b> Dispose of in accordance with all applicable federal, state, and local regulations.	This product contains a 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.												
<b>VIII Fire and Explosion Data</b>	<b>IX Physical Data</b>												
<b>Flash Point:</b> >215°F (closed cup)	pH..... ~12												
<b>Fire Extinguishing Agents:</b> Dry chemical, carbon dioxide (CO <sub>2</sub> ), foam, or water spray.	Specific gravity ..... ~1.0												
	Solubility in water..... complete												