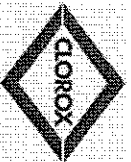


W4145



Clorox Professional Products Company
 1221 Broadway
 Oakland, CA 94612
 Tel. (510) 271-7000

**Material Safety
 Data Sheet**

I Product: COMMERCIAL SOLUTIONS® ULTRA CLOROX® GERMICIDAL BLEACH I										
Description: CLEAR, LIGHT YELLOW LIQUID WITH CHLORINE ODOR										
Other Designations	Distributor									
EPA Reg. No. 67619-8 Sodium Hypochlorite Solution	Clorox Sales Company 1221 Broadway Oakland, CA 94612									
II Health Hazard Data	Emergency Telephone Nos.									
DANGER: CORROSIVE. May cause severe irritation or damage to eyes and skin. Harmful 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, chronic bronchitis, or obstructive lung disease. Some clinical reports suggest a low potential for sensitization upon exaggerated exposure to sodium hypochlorite, particularly on damaged or irritated skin. Routine clinical tests conducted on intact skin with Clorox Liquid Bleach found no sensitization in the test subjects. Under normal consumer use conditions the likelihood of any adverse health effects are low.	For Medical Emergencies, call 1-800-446-1014 For Transportation Emergencies, call Chemtrec 1-800-424-9300									
FIRST AID:	III Hazardous Ingredients									
EYE CONTACT: Rinse with plenty of water for at least 15 minutes. Get prompt medical attention.	<table border="1"> <thead> <tr> <th>Ingredient</th> <th>Concentration</th> <th>Worker Exposure Limit</th> </tr> </thead> <tbody> <tr> <td>Sodium hypochlorite</td> <td>6.0 - 7.35%</td> <td>Not established.</td> </tr> <tr> <td>Sodium hydroxide</td> <td>< 0.2%</td> <td>2 mg/m³ TLV-STEL^a 2 mg/m³ PEL^b</td> </tr> </tbody> </table>	Ingredient	Concentration	Worker Exposure Limit	Sodium hypochlorite	6.0 - 7.35%	Not established.	Sodium hydroxide	< 0.2%	2 mg/m ³ TLV-STEL ^a 2 mg/m ³ PEL ^b
Ingredient	Concentration	Worker Exposure Limit								
Sodium hypochlorite	6.0 - 7.35%	Not established.								
Sodium hydroxide	< 0.2%	2 mg/m ³ TLV-STEL ^a 2 mg/m ³ PEL ^b								
SKIN CONTACT: Wash skin thoroughly with soap and water.	^a TLV-STEL = ACGIH Threshold Limit Value - Short Term Exposure Limit ^b PEL = OSHA Permissible Exposure Limit - Time Weighted Average									
INGESTION: Drink large amounts of water. DO NOT induce vomiting. Call a physician or poison control center immediately.	None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen list.									
INHALATION: If breathing problems develop, remove to fresh air.										
IV Special Protection and Precautions	V Transportation and Regulatory Data									
Hygienic Practices: Wear safety glasses. With repeated or prolonged use, wear nitrile, neoprene, or butyl rubber gloves. Wash after contact with product. Avoid breathing vapors.	DOT: Not restricted per 49CFR172.101(c)(12)(iv). IMDG: Not restricted per IMDG Code Page 0021 Paragraph 5.3.5. IATA: Not restricted per IATA D.G.R. Special provision A3.									
Engineering Controls: Use general ventilation to minimize exposure to vapor or mist.	EPA - SARA Title III/CERCLA: This product is regulated under Sections 311/312. This product contains no chemicals regulated under Section 313 and contains sodium hypochlorite and sodium hydroxide which are regulated under Section 304/CERCLA.									
Work Practices: Avoid eye and skin contact and inhalation of vapor or mist.	TSCA Status: All components of this product are on the TSCA Inventory.									
KEEP OUT OF THE REACH OF CHILDREN.	VII Reactivity Data									
VI Spill Procedures/Waste Disposal	Stable under normal use and storage conditions. Strong oxidizing agent. Reacts with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acids or ammonia containing products to produce hazardous gases, such as chlorine and other chlorinated species. Prolonged contact with metal may cause pitting or discoloration.									
Soil Procedures: Absorb and containize. 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.	VIII Reactivity Data									
Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.	IX Physical Data									
VIII Fire and Explosion Data	Boiling point..... 212°F/100°C (decomposes) Specific gravity (H ₂ O=1, 21°C).....~1.10 Solubility in water..... Complete pH.....~11.4									
Not flammable or explosive.										
In a fire, cool containers to prevent rupture and release of sodium chlorate.										