

**The Clorox Company**1212 Broadway
Oakland, CA 94612
Tel. (510) 271-7000**Material Safety
Data Sheet**

I Product:	CLOROX® OUTDOOR BLEACH	
Description:	CLEAR, LIGHT YELLOW LIQUID WITH A CHARACTERISTIC BLEACH ODOR	
	Distributor	Emergency Telephone Nos.
	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).

II Health Hazard Data	III Hazardous Ingredients		
CORROSIVE to the eyes. Injures eyes, skin, and mucous membranes on contact. Harmful if swallowed. Nausea, vomiting, and burning sensation of the mouth and throat may occur. No adverse health effects are expected with recommended use. Occasional clinical reports suggest a low potential for sensitization upon exaggerated exposure to sodium hypochlorite if skin damage (e.g. irritation) occurs during exposure. However, clinical tests conducted on intact skin using a product similar to Clorox® Outdoor Bleach found no sensitization in the test subjects.	<u>Ingredient</u>	<u>Concentration</u>	<u>Worker Exposure Limit</u>
Although not expected, heart conditions or chronic respiratory problems such as asthma, chronic bronchitis, or obstructive lung disease may be aggravated by exposure to high concentrations of vapor or mist.	Sodium hypochlorite CAS # 7681-52-9	5 - 10%	Not established.
FIRST AID:	Sodium hydroxide CAS # 1310-73-2	0.1 - 1%	2 mg/m ³ - TLV-C ^a 2 mg/m ³ - PEL-TWA ^b
EYE CONTACT: Immediately flush eyes with water for 15 minutes. If irritation persists, call a doctor.	^a TLV-C = ACGIH Threshold Limit Value - Ceiling		
SKIN CONTACT: Remove contaminated clothing. Flush skin with water. If irritation persists, call a doctor.	^b PEL-TWA = OSHA Permissible Exposure Limit - Time Weighted Average		
INGESTION: Drink a glassful of water. DO NOT induce vomiting. Immediately contact a doctor or poison control center.	None of the ingredients in this product are on the IARC, OSHA or NTP carcinogen lists.		
INHALATION: Remove from exposure to fresh air. If breathing problems develop, call a doctor.			

IV Special Protection and Precautions	V Transportation and Regulatory Data
Hygienic Practices: Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.	DOT: Not restricted per 49 CFR 172.101(c)(12)(iv).
Engineering Controls: Use local exhaust to minimize exposure to product vapor or mist.	IMDG: Environmentally hazardous substance, liquid, n.o.s., UN3082, Class 9, PGIII.
Personal Protective Equipment: 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.	IATA: Environmentally hazardous substance, liquid, n.o.s., UN3082, Class 9, PGIII.
	EPA - SARA Title III/CERCLA: 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.
	TSCA 8(b): All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.
	TSCA 12(b): This product is not subject to TSCA 12(b) reporting requirements.

VI Spill Procedures/Waste Disposal	VII Reactivity Data
Spill Procedures: 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.	Stable under normal use and storage conditions.
Waste Disposal: Dispose must be made in accordance with applicable federal, state, and local regulations.	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 species.
	Prolonged contact with metals may cause pitting or discoloration.

VIII Fire and Explosion Data	IX Physical Data
Not flammable or explosive.	pH~12.9
	Specific gravity.....1.08 - 1.11
	Solubility in water..... Complete