



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

Material Safety Data Sheet

I Product:	CLOROX® OUTDOOR BLEACH CLEANER	
Description:	CLEAR, LIGHT YELLOW, SLIGHTLY VISCOUS LIQUID WITH A 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		
DANGER: CORROSIVE. HARMFUL IF SWALLOWED. May cause severe irritation or damage to eyes, skin and mucous membranes. Vapors may irritate.	<u>Ingredient</u>	<u>Concentration</u>	<u>Worker Exposure Limit</u>
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, chronic bronchitis, or obstructive lung disease.	Sodium hypochlorite CAS# 7681-52-9	5 - 15 %	Not established.
<u>FIRST AID:</u>	Sodium hydroxide CAS # 1310-73-2	0.1 - 1%	2 mg/m ³ - TLV-C ^a 2 mg/m ³ - PEL ^b
<u>EYE CONTACT:</u> Immediately rinse with water for 15 minutes. Call a doctor.	^a TLV-C = ACGIH Threshold Limit Value-Ceiling limit.		
<u>SKIN CONTACT:</u> Removed contaminated clothing and wash skin thoroughly with water. If irritation persists, call a doctor.	^b PEL = OSHA Permissible Exposure Limit - Time Weighted Average		
<u>INGESTION:</u> DO NOT induce vomiting. Drink a glassful of water. Call a doctor or poison control center immediately.	None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.		

IV Special Protection and Precautions	V Transportation and Regulatory Data
<u>Hygienic Practices:</u> Avoid contact with eyes, skin and clothing. Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.	<u>DOT:</u> Consumer Commodity ORM-D.
<u>Engineering Controls:</u> Use general ventilation to minimize exposure to vapor or mist.	<u>IATA:</u> UN 1791, Hypochlorite solution, Class 8, PG III.
<u>Personal Protective Equipment:</u> Wear eye protection, such as safety goggles. To protect skin, wear rubber gloves, boots, long pants, a hat and a long-sleeved shirt. In situations where exposure limits may be exceeded, a NIOSH-approved respirator is advised.	<u>IMDG:</u> UN 1791, Hypochlorite solution, Class 8, PG III.
	<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.

VI Spill Procedures/Waste Disposal	VII Reactivity Data
<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.	Stable under normal use and storage conditions.
<u>Waste Disposal:</u> Dispose of in accordance with all applicable federal, state, and local regulations.	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.

VIII Fire and Explosion Data	IX Physical Data
Not flammable or explosive.	pH12.5 -13
In a fire, cool containers to prevent rupture and release of sodium chlorate.	Specific gravity ~ 1.1
	Solubility in water..... Complete