

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory-Form)

Form Approved

OMB No. 1218-0072

<b>IDENTITY (As Used on Label and List)</b> Clorox II	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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<b>Section I – Identity</b>		NA = Not Applicable NIA = No Information Available	
Manufacturer's Name The Clorox Company	Emergency Telephone Number (303) 573-1014		
Address (Number, Street, City, State, and ZIP Code) 7200 Johnson Drive Pleasanton, CA 94556	Telephone Number For Information (415) 847-6100		
	Date Prepared		
<b>Chemical Family</b> Bleaching agent, dry powder	Signature of Preparer (optional)		

<b>Section II – Hazardous Ingredients</b>					
Chemical Identity; Common Name(s)	CAS #	OSHA PEL	ACGIH TLV	Other Limits	%(optional)
Sodium Perborate	7632-04-4				5-25%
Subtilisins Proteolytic Enzyme	9073-77-2				0.5-2%
Amylase	9000-90-2				>0.5%

<b>Section III – Physical Data</b>			
Boiling Point	Na	Specific Gravity (H <sub>2</sub> O=1)	Na
Vapor Pressure (mm Hg.)	Na	Melting Point	Na
Vapor Density (AIR=1)	Na	Evaporation Rate (Butyl Acetate = 1)	Na
pH, 1%	11.1	% Volatile	Na
Solubility In Water NA			
Appearance and Odor			

<b>Section IV – Fire and Explosion Hazard Data</b>			
Flash Point (Method Used) Na	Flammable Limits	LEL Na	UEL Na
Extinguishing Media None needed			
Special Fire Fighting Procedures Na			
Unusual Fire and Explosion Hazards Na			

**Section V – Physical Hazards / Reactivity Data**

Stability	Unstable		Conditions to
	Stable	X	Na

Incompatibility (*Materials to Avoid*)  
Acids

Hazardous Decomposition or Byproducts  
Heat and gases

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None

**Section VI – Health Hazard Data**

Routes(s) of Entry:	Inhalation?	Skin?	Ingestion?
	X	X	X

Health Hazards (*Acute and Chronic*)

Moderate eye irritant. Harmful if swallowed. Inhalation of dust may cause sensitization symptoms may range from hay fever to asthma

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	no	no	no

Signs and Symptoms of Exposure  
Na

Medical Conditions Generally Aggravated by Exposure

Na

**Section VII – First Aid Measures**

1. Inhalation

remove to fresh air if breathing problems develop

2. Eyes

flush with water for 15 minutes

3. Skin

not an apparent hazard

4. Ingestion

drink a glassful of water and call a physician

**Section VIII – Preventative Measures**

Respiratory Protection (*Specify Type*)

Na

Ventilation	Local Exhaust Adequate	Special Na
	Mechanical ( <i>General</i> ) None	Other Na

Protective Gloves None	Eye Protection Safety goggles
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Other Protective Clothing or Equipment

Na

Work/Hygienic Practices

Avoid skin and eye contact and inhalation of dust

**Section IX – Special Precautions / Spill Leak Procedures**

Steps to Be Taken in Case Material is Released or Spilled

Rinse with water. Flush small quantities down drain with plenty of water. For larger quantities dispose of in accordance with local, state, and federal regulations.

Waste Disposal Method

In accordance to federal, state, and local laws.

Precautions to Be Taking in Handling and Storing

Store in cool dry area. Keep away from heat and acids when stored in large quantities

Other Precautions

Avoid making dust. Keep out of reach of children.

**Section X– Other Information**