

# MATERIAL SAFETY DATA SHEET

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SECTION I				
<b>Product Identity (Name / Number)</b>		DELUXE OXYGEN BLEACH / 9823		
<b>Chemical Family</b>		Oxidizing liquid, n.o.s. (contains hydrogen peroxide), 5.1, UN3139, PGIII. OXIDIZER.		
		NFPA & HMIS Ratings: Health = 3 Fire = 0 Reactivity = 1		
SECTION II - Hazardous Ingredients				
Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Hydrogen Peroxide	1ppm	1ppm	1.4mg/m <sup>3</sup>	Proprietary
Confidential Ingredients	N/A	N/A		Proprietary
(PEL = permissible exposure limit)				
(TLV = threshold limit value)				
SECTION III - Physical & Chemical Characteristics				
<b>Boiling Point</b>	Above 212°F	<b>Specific Gravity</b>	1	
<b>Vapor Pressure (mm Hg)</b>	Approximately 15-28 @86°F	<b>Melting Point</b>	Approximately 8°F	
<b>pH</b>	1-4	<b>Evaporation Rate (butyl acetate=1)</b>	<1	
<b>Solubility in Water</b>	100%	<b>Appearance / Odor</b>	Clear Colorless Liquid / Odorless	
SECTION IV - Fire & Explosion Hazard Data				
<b>Flammable Limits (Explosive Limit)</b>	<b>Upper:</b>	N/A	<b>Lower:</b>	N/A
<b>Flash Point (Method Used)</b>	This product is not flammable.			
<b>Extinguishing Media</b>	Water, water spray, water fog, CO <sub>2</sub> , dry chemical.			
<b>Special Fire Fighting Procedures</b>	Any tank or container surrounded by fire should be flooded with water for cooling. If leaking, wear full protective clothing and NIOSH certified self-contained breathing apparatus.			
<b>Unusual Fire and Explosion Hazards</b>	On decomposition, releases oxygen which may intensify fire. Contact with combustible material may cause fire or explosion if heated under confinement.			
SECTION V - Reactivity Data				
<b>Stability:</b>	<b>Unstable</b>	X	<b>Stable</b>	
<b>Hazardous Polymerization:</b>	X	<b>Will Not Occur</b>		<b>May Occur</b>
<b>Conditions To Avoid</b>	Excessive heat. See Special Precautions.			
<b>Incompatibility (Materials to Avoid)</b>	Acids, bases, metals, salts of metals, reducing agents, organic materials, wood, paper and other combustible materials.			
<b>Hazardous Decomposition or Byproducts</b>	Oxygen which supports combustion.			

**SECTION VI(a) - Health Hazard Data**

<b>Inhalation</b>	Irritating to nose, throat and lungs. Corrosive to mucous membranes.
<b>Eye</b>	Corrosive to eyes. Risk of serious damage.
<b>Skin</b>	Corrosive to skin. Causes burns.
<b>Ingestion</b>	Practically non-toxic. Corrosive to gastrointestinal tract. Harmful if swallowed.

**Reported As Potential Carcinogen or Carcinogen**

	<b>International Agency for Research on Cancer</b>	X	<b>Not Applicable</b>
	<b>National Toxicology Program</b>		<b>OSHA</b>

**SECTION VI(b) - First Aid Procedures**

<b>Inhalation</b>	Remove victim to fresh air. If breathing is difficult, administer oxygen. If not breathing, perform artificial respiration. Get medical attention.
<b>Eye</b>	Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. In case of difficulty with opening the eyelids, administer an analgesic eye wash (oxybuprocaine). Consult with an ophthalmologist immediately in all cases.
<b>Skin</b>	Immediately wash thoroughly with water for at least 15 minutes. Remove and wash contaminated clothing before re-use. If irritation persists, obtain medical attention.
<b>Ingestion</b>	If conscious and alert, rinse mouth with water and drink plenty of water to dilute. Do NOT induce vomiting. Get medical attention.

**SECTION VI(c) - Employee Protection**

**Respiratory Protection (Utilize NIOSH approved respirators. Refer to manufacturer's protection factors and OSHA standard 1910.134 as a guideline. )** If TLV of hazardous ingredient is exceeded, use NIOSH approved respirator, fully enclosed.

**SPECIAL PROTECTION INFORMATION:**

<b>EYE</b>	Tightly fitting chemical resistant goggles or full face shield is required.
<b>SKIN</b>	Use impervious chemical resistant gloves and protective clothing, made of PVC or rubber.
<b>VENTILATION</b>	General and local exhaust ventilation as necessary.
<b>SPECIAL PROTECTION</b>	Use only in areas equipped with safety shower and eye wash station.

**SECTION VII - Special Precautions**

<b>Handling and Storage</b>	Avoid excessive heat. Avoid contamination of any kind. Store in vented container away from heat and sources of ignition. Use only in well ventilated areas. Never return unused product to original container.
<b>Other Precautions</b>	Conform to conditions prescribed in NFPA Bulletin 43A, NFPA Hazard Class II Oxidizer.

**SECTION VIII - Environmental Protection**

<b>Spills / Releases</b>	Isolate the area. Keep away from incompatible products. Dilute with large volume of water and hold in a pond or dike area until the H <sub>2</sub> O <sub>2</sub> decomposes. Do not dump into sewers or any body of water.
<b>Waste Disposal Method</b>	In accordance with local, state and federal regulations.

**DISCLAIMER**

The information contained herein is based upon data available to us and reflects our best professional judgment. Since it is impossible to anticipate the conditions under which our products may be used, we cannot guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product for his particular purpose and should comply with all federal, state and local regulations. Our goal is to manufacture products with zero or minimal hazards. Our products are improved daily as up-to-date information and research is received from our suppliers to use products with less or no hazards. Please feel free to contact us for current information.