

MATERIAL SAFETY DATA SHEET

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SECTION I				
Product Identity (Name / Number)	2-in-1 Bleach Detergent / 9721			
Chemical Family	Cleaning Compound. Not regulated by DOT.			
	NFPA & HMIS Ratings: Health = 2 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 ³	Proprietary
(PEL = permissible exposure limit)				
(TLV = threshold limit value)				
SECTION III - Physical & Chemical Characteristics				
Boiling Point	Above 212°F	Specific Gravity	1	
Vapor Pressure (mm Hg)	Not Established	Freezing Point	<32°F	
pH	N/A	Evaporation Rate (butyl acetate=1)	<1	
Solubility in Water	100%	Appearance / Odor	Clear Colorless Liquid	
SECTION IV - Fire & Explosion Hazard Data				
Flammable Limits (Explosive Limit)	Upper: N/A	Lower: N/A		
Flash Point (Method Used)	This product is not flammable.			
Extinguishing Media	Water, water spray, water fog, CO ₂ , dry chemical.			
Special Fire Fighting Procedures	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.			
Unusual Fire and Explosion Hazards	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				
Stability:	Unstable	X	Stable	
Hazardous Polymerization:	X	Will Not Occur		May Occur
Conditions To Avoid	Excessive heat. See Special Precautions.			
Incompatibility (Materials to Avoid)	Acids, bases, metals, salts of metals, reducing agents, organic materials, wood, paper and other combustible materials.			
Hazardous Decomposition or Byproducts	Oxygen which supports combustion, oxides of sulfur, carbon monoxide and carbon dioxide.			

SECTION VI(a) - Health Hazard Data

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

Reported As Potential Carcinogen or Carcinogen

	International Agency for Research on Cancer	X	Not Applicable
	National Toxicology Program		OSHA

SECTION VI(b) - First Aid Procedures

Inhalation	Remove victim to fresh air. If breathing is difficult, administer oxygen. If not breathing, perform artificial respiration. Get medical attention.
Eye	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.
Skin	Immediately wash thoroughly with water for at least 15 minutes. Remove and wash contaminated clothing before re-use. If irritation persists, obtain medical attention.
Ingestion	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:

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

SECTION VII - Special Precautions

Handling and Storage	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.
Other Precautions	Contact surfaces might become slippery when exposed to this product.

SECTION VIII - Environmental Protection

Spills / Releases	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 ₂ O ₂ decomposes. Do not dump into sewers or any body of water.
Waste Disposal Method	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.