

MATERIAL SAFETY DATA SHEET

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SECTION I				
Product Identity (Name/Number)		10% Chlorine Bleaching Powder / 9582		
Chemical Family		Chlorinated Bleach. Oxidizing solid, n.o.s. (contains Dichloroisocyanuric acid, dry), 5.1, UN1479, PGII. Oxidizer.		
SECTION II - Hazardous Ingredients				
Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Dichloroisocyanurate, Dihydrate	N/A	N/A		Proprietary
SECTION III - Physical & Chemical Characteristics				
Boiling Point	Not Applicable	Specific Gravity	Approximately 1.8	
Vapor Pressure (mm Hg)	Not Applicable	Melting Point	N/A	
pH	6-7 (for 1% Solution)	Evaporation Rate (Ethyl Ether=1)	Not Applicable	
Solubility in Water	Soluble	Appearance / Odor	White Power / Chlorine	
SECTION IV - Fire & Explosion Hazard Data				
Flammable Limits (Explosive Limit)	Upper: N/A		Lower: N/A	
Flash Point (Method Used)	Material is not combustible.			
Extinguishing Media	Not Applicable.			
Special Fire Fighting Procedures	Water may be used for surrounding fires.			
Unusual Fire and Explosion Hazards	Oxidizing and chlorinating agent. Contact with organic matter or easily chlorinated or oxidized materials may result in fire. Heat will initiate decomposition and produce toxic and irritating fumes. Dry chemical extinguishers may react violently with this product.			
SECTION V - Reactivity Data				
Stability:	Unstable		X Stable	
Hazardous Polymerization:	X	Will Not Occur		May Occur
Conditions To Avoid	Heat. Other chemicals.			
Incompatibility (Materials to Avoid)	Contact with most organic matter or easily chlorinated or oxidizing materials may result in fire. Contact with ammonia, ammonium salts, urea, or similar compounds which contain nitrogen may form nitrogen trichloride, a highly explosive compound. Mixture with nonionic surface active agents may result in exothermic reactions causing fire or explosion. Contact with water evolves fumes containing chlorine and other toxic gases.			
Hazardous Decomposition or Byproducts	Chlorine, hydrogen chloride, nitrogen trichloride.			

SECTION VI(a) - Health Hazard Data

Inhalation	Material is irritating to the mucous membranes of the respiratory tract.
Eye	Corrosive to eyes. Can cause serious eye damage if not treated immediately.
Skin	Corrosive to skin.
Ingestion	Material is corrosive to mucous membranes or the digestive tract. Slightly toxic.

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, seek medical attention.
Eye	Flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
Skin	Flush with water for 15 minutes. Remove contaminated clothing. If irritation persists, seek medical attention.
Ingestion	If conscious and alert, give large quantities of water. Do not induce vomiting. Seek medical attention immediately.

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.) During prolonged use, dust mask are recommended. If TLV of product is exceeded, use NIOSH approved respirator, fully enclosed.

SPECIAL PROTECTION INFORMATION:

EYE	Wear goggles if eye contact is possible. Eyewash facilities should be in close proximity.
SKIN	Wear protective gloves if skin contact is possible.
VENTILATION	Adequate local exhaust ventilation required where dust may be generated.
SPECIAL PROTECTION	Soiled clothing must be washed and dried before reuse. Emergency shower facilities should be in close proximity.

SECTION VII - Special Precautions

Handling and Storage	Oxidizer; store in dry, cool area. Do not store in aluminum containers.
Other Precautions	Store and handle away from other chemicals.

SECTION VIII - Environmental Protection

Spills / Releases	Toxic to fish; keep out of waterways. Spilled material may cause slippery surfaces. Sweep spilled material. See Section VI (c) - Employee Protection.
Waste Disposal Method	Dispose of in accordance with all applicable local, state and federal regulations. Discarded product is a characteristic ignitable waste. Dispose of in a facility permitted for hazardous waste.

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.