

MATERIAL SAFETY DATA SHEET

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Date Prepared: 10/20/2008

SECTION I				
Product Identity (Name / Number)	TILE BRIGHT Mildew & Stain Remover / 2691CBC-E			
Chemical Family	Alkaline Liquid Cleaning Compound. Corrosive liquids, n.o.s. (contains Hypochlorite solutions), 8, UN1760, PGIII. (Excepted from DOT regulations for 12/1 & 4/1.)			
SECTION II - Hazardous Ingredients				
Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Hypochlorite	N/A	N/E		Proprietary
Sodium Hydroxide	2mg/m3	2mg/m3		Proprietary
SECTION III - Physical & Chemical Characteristics				
Boiling Point	Decomposes	Specific Gravity	1.15°	
Vapor Pressure (mm Hg)	17.5 @20°C	Melting Point	10°F	
pH	11-12	Evaporation Rate (Ethyl Ether=1)	Less than 1	
Solubility in Water	Complete	Appearance / Odor	Clear Yellow Liquid / Chlorine	
SECTION IV - Fire & Explosion Hazard Data				
Flammable Limits (Explosive Limit)	Upper:	N/A	Lower:	N/A
Flash Point (Method Used)	N/A			
Extinguishing Media	Non-Flammable			
Special Fire Fighting Procedures	Use water spray from a safe distance to cool fire exposed containers, to dilute liquid, and control vapors. Wear full protection clothing and self-contained breathing apparatus. Fumes and liquid are corrosive and irritant.			
Unusual Fire and Explosion Hazards	An oxidizing agent. Vigorous reactions can occur with oxidizable materials. If safe, remove containers from fire area to prevent pressure rupture.			
SECTION V - Reactivity Data				
Stability:	Unstable		X	Stable
Hazardous Polymerization:	X	Will Not Occur	May Occur	
Conditions To Avoid	Heat and incompatible materials.			
Incompatibility (Materials to Avoid)	Any acidic material, ammonia, urea, oxidizable materials, and metals such as nickel, copper, tin, aluminum and iron.			
Hazardous Decomposition or Byproducts	Chlorine gas.			

SECTION VI(a) - Health Hazard Data

Inhalation	Vapors cause slight to severe irritation to the respiratory tract. High concentrations may cause sore throat, blistering, coughing, delayed pulmonary edema (swelling of lung tissue) and shortness of breath.
Eye	Corrosive. May cause severe pain, blurred vision, tearing and swelling. Concentrated solutions may cause burning.
Skin	May cause moderate skin irritation. Contact with concentrated solutions may bleach the skin and cause redness, pain, blistering, itchy eczema and possible chemical burns.
Ingestion	May cause pain and inflammation of the mouth, throat, esophagus, and stomach. Can cause erosion of mucous membranes, especially in the stomach.

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 and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.
Eye	Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids open. Get medical attention.
Skin	Immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water for at least 15 minutes. Use soap if available or follow by washing with soap and water. Do not reuse clothing until thoroughly cleaned. Get medical attention.
Ingestion	If conscious and alert, give large quantities of water or milk. Do not induce vomiting. Seek 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.) Use NIOSH approved respirator in confined or enclosed spaces, if needed.

SPECIAL PROTECTION INFORMATION:

EYE	Wear chemical goggles or full face shield.
SKIN	Wear chemical resistant gloves (PVC) and clothing (coveralls), boots, etc. to avoid skin contact.
VENTILATION	Local exhaust recommended.
SPECIAL PROTECTION	Eye wash fountains and safety showers should be available for emergencies.

SECTION VII - Special Precautions

Handling and Storage	Keep container(s) tightly closed when not in use. Store in a cool (below 85°F), dry, well ventilated area away from direct sunlight, heat and incompatible materials. Protect containers from physical damage. This product degrades with age and/or heat.
Other Precautions	None

SECTION VIII - Environmental Protection

Spills / Releases	Contain material. Place collected material in a disposal container. Prevent liquid from entering sewers or water ways. Do not use combustible absorbents. When necessary, this product can be neutralized with weak reducing agents. Clean up personnel should use protective equipment to prevent contact.
Waste Disposal Method	Dispose of waste materials according to all local, state and federal laws.

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.