

Duplicate		MATERIAL SAFETY DATA SHEET				12/1/2008	
GENERAL INFORMATION							
Chemical Name and Synonyms		Calcium Chloride Solution					
Trade Name and Synonyms		Calcium Chloride, 0.025 M, 473 mL					
INGREDIENTS							
Chemical Family	Salt Solution	Formula	Ca Cl ₂				
Ingredients	0.025 M Solution of Calcium Chloride (CaCl ₂)						
	MW*	111.0	CAS #*	10043-52-4	EC #*	N/A	
Appearance and Odor	Clear and colorless liquid						
PHYSICAL DATA							
Specific Gravity	~1	pH	~7.0				
Vapor Density	N/A	Solubility in Water	N/A				
Evaporation Rate (H ₂ O=1)	N/A	Vapor pressure	N/A				
Percent Volatile by Volume (%)	N/A	Boiling Point	N/A				
FIRE AND EXPLOSION HAZARD DATA							
Flash Point	non-flammable	LEL:	N/A	UEL:	N/A	Auto Ignition Temperature	N/A
Unusual Fire and Explosion Hazards		Extinguishing Media			Special Fire Fighting Procedures		
none		N/A			N/A		
HEALTH HAZARD DATA							
Threshold Limit Value	N/A			QSHA Threshold Limit Value	N/A		
Carcinogen - NPT Program	N/A			Primary Route(s) of Entry	N/A		
Carcinogen - IARC Program	N/A			ACGIH Threshold Limit Value	N/A		
Emergency First Aid	Remove to fresh air. Wash exposed area. Eye contact - Flush with running water						
Medical Conditions Aggravated	none						
REACTIVITY DATA							
Stability:	Stable	Conditions to Avoid	None				
Incompatibilities	None						
Hazardous Polymerizations	None	Materials to Avoid	None				
ENVIRONMENTAL PROTECTION PROCEDURES							
Spill Response	flush with water						
Waste Disposal Method	mop up spill, flush to drain						
SPECIAL PROTECTION INFORMATION							
Eye Protection	Goggles		Skin Protection		Gloves		
Ventilation Recommendation	N/A						
Other Protection	N/A						
SPECIAL PRECAUTIONS							
Hygienic Practices	Do not inhale or expose to skin. Normal Laboratory protective gear						
Respiratory Protection	N/A						
Precautions	Do not inhale or expose to skin. Normal Laboratory protective gear						