

Material Safety Data Sheet  
Clarkson Laboratory & Supply Inc  
350 Trousdale Drive, Chula Vista Ca. 91910  
Phone: (619) 425-1932 Fax: (619) 425-7917  
www.clarksonlab.com

U.S. Department of Labor  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY (As Used on Label and List)  Calcium Chloride Stock Solution  (Sand Equivalent Solution)	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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#### Section I

Manufacturer's Name  Clarkson Laboratory & Supply Inc.	Emergency Telephone Number  619-425-1933
Address (Number, Street, City, State, and ZIP Code)  350 Trousdale Drive  Chula Vista, California, 91910	Telephone Number for Information  619-425-1932  Fax Number 619-425-7917
Website: www.clarksonlab.com	Date Prepared: 6/17/99

#### Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))
Formaldehyde 1.2% used as a Preservative. Formaldehyde which is harmful when in concentrated form is very dilute in this solution. The rest of the solution 98.8% is Not Harmful.
Glycerine 43% Not Harmful
Water 43% Not Harmful
Calcium Chloride 12% Not Harmful

#### Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity ( $H_2O = 1$ )	About 1.1
Vapor Pressure (mm Hg.) n/a	N/A	Melting Point n/a	N/A
Vapor Density (AIR = 1) n/a	N/A	Evaporation Rate n/a (Butyl Acetate = 1)	None
Solubility in Water: 100% water Soluble			

Appearance and Odor: Water clear to light straw color with no odor.

#### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits
No Flash Point	Non Flammable
Extinguishing Media: None it will not burn	
Special Fire Fighting Procedures: None	
Unusual Fire and Explosion Hazards: None	

#### Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid: Contact with Eyes, Skin or Clothing Wash with plenty of water if contact with eyes, skin or clothing.
Very Stable	No	
Incompatibility ( <i>Materials to Avoid</i> )		
None known		
Hazardous Decomposition or Byproducts		
None known		

#### Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Not Possible no vapors	Wash with water	Call a Physician. Induce Vomiting by Drinking Copious Quantities of water.
Health Hazards ( <i>Acute and Chronic</i> )			
None known			
Medical Conditions			
Generally Aggravated by Exposure			
None known			
Emergency and First Aid Procedures			
If Ingested: Call a Physician, If conscious induce vomiting by drinking several glasses of water and sticking finger in throat.			
Contact with Eyes, Skin, Clothing: Wash with plenty of water			

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Wash with Plenty of water
Waste Disposal Method
Contact your local Government Hazardous Waste Department
Precautions to Be taken in Handling and Storing
Keep container closed at all times, avoid freezing or direct sunlight
Other Precautions
None

## Section VIII - Control Measures

Respiratory Protection ( <i>Specify Type</i> )		
None needed there are no vapors		
Ventilation: None Needed	Local Exhaust: None needed no vapors	Special : N/A
	Mechanical ( <i>General</i> ): N/A	Other: N/A
Protective Gloves: Recommended to avoid contact with skin	Eye Protection: Recommended to avoid contact by splashing	
Other Protective Clothing or Equipment : None needed		
Work/Hygienic Practices: Wash your hands after use and wash any spills with tap water.		