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

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.

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 (H₂O = 1) N/A
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 order.

Section IV - Fire and Explosion Hazard Data

<table>
<thead>
<tr>
<th>Flash Point (Method Used)</th>
<th>Flammable Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Flash Point</td>
<td>Non Flammable</td>
</tr>
</tbody>
</table>

Extinguishing Media: None it will not burn

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Section V - Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid: Contact with Eyes, Skin or Clothing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very Stable</td>
<td>No</td>
<td>Wash with plenty of water if contact with eyes, skin or clothing.</td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)
None known

Hazardous Decomposition or Byproducts
None known

Section VI - Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry:</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not Possible no vapors</td>
<td>Wash with water</td>
<td>Call a Physician. Induce Vomiting by Drinking Copious Quantities of water.</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic)
None known

Medical Conditions
Generally Aggravated by Exposure
None known

Emergency and First Aid Procedures

If Ingested: Call a Physician. 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 (Specify Type)**

- None needed there are no vapors

<table>
<thead>
<tr>
<th>Ventilation: None Needed</th>
<th>Local Exhaust: None needed no vapors</th>
<th>Special: N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mechanical (General): N/A</td>
<td>Other: N/A</td>
</tr>
</tbody>
</table>

**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.