



THATCHER COMPANY MATERIAL SAFETY DATA SHEET  
PRODUCT: CALCIUM CHLORIDE SOLUTION, 30%  
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MSDS Date: September 24, 2002  
Emergency Contact: 1-800-424-9300

**SECTION I**

**PRODUCT NAME:** Calcium Chloride Solution, 30%  
**CHEMICAL NAME:** Calcium Chloride Solution  
**CHEMICAL FAMILY:** Metal Chloride  
**FORMULA:** CaCl<sub>2</sub> solution

**DOT SHIPPING INFORMATION:** Not DOT regulated

**SECTION II - HAZARDOUS INGREDIENTS**

This material contains no ingredients which are known by Thatcher Company to be hazardous unless listed below.

HAZARDOUS MATERIAL	CAS NUMBER	w/w %	EXPOSURE LIMITS IN AIR

The specific identity of some ingredients may be withheld for confidential business purposes. However, all known potential health effects from exposure to these ingredients are being addressed.

**SECTION III - HEALTH HAZARD DATA**

**NFPA HAZARDOUS RATING:** Health = N/A Flammability = N/A Reactivity = N/A

**Carcinogenic Listing:**

NTP: No ingredients listed in this section.

IARC MONOGRAPHS: No ingredients listed in this section.

OSHA 29 CFR 1910: No ingredients listed in this section

**ENTRY ROUTES & EFFECTS OF OVEREXPOSURE:**

**Contact:** May cause irritation to skin and eyes.

**Ingestion:** May cause irritation.

**STATEMENT OF PRACTICAL TREATMENT:**

**Contact:** Flush exposed area thoroughly with water. For eyes, flush with cool water for at least 15 minutes and get medical attention.

**Ingestion:** Drink several glasses of water or milk and call a physician.



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**SECTION IV - FIRE AND EXPLOSION DATA**

**FLASH POINT:**

nonflammable

**FLAMMABLE LIMITS:** Lel: N/A Uel: N/A

**EXTINGUISHING MEDIA:** N/A

**SPECIAL FIRE-FIGHTING PROCEDURES:** N/A

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N/A

**SECTION V - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:**

None required.

**VENTILATION:**

N/A

**EYE PROTECTION:**

Safety goggles.

**SKIN PROTECTION:**

Rubber gloves.

**OTHER PROTECTIVE EQUIPMENT:**

Rubber boots if necessary.

**SECTION VI - SPECIAL PRECAUTIONS**

**HANDLING AND STORAGE PRECAUTIONS:**

None.

**SECTION VII - PHYSICAL DATA**

**BOILING POINT:** unknown

**SPECIFIC GRAVITY:** 1.29

**VAPOR PRESSURE (mm Hg):** essentially water

**% VOLATILE, BY VOLUME:** N/A

**VAPOR DENSITY (air = 1):** essentially water

**EVAPORATION RATE:** N/A

**SOLUBILITY IN WATER:** Complete

**pH:** 7 - 9

**APPEARANCE AND ODOR:** Clear, water-white solution, odorless.

**SECTION VIII - REACTIVITY DATA**



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**STABILITY:**

Stable

**HAZARDOUS POLYMERIZATION:**

Will not occur

**HAZARDOUS DECOMPOSITION PRODUCTS:**

None

**SECTION IX - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IF MATERIAL SPILLS OR LEAKS:**

Dike material and recover as much as possible in drums. Flush residue to drain using plenty of water.

**WASTE DISPOSAL METHOD:**

Put in landfill or dilute with water and flush to sewer, if permitted by local, state and federal regulations.

**ACGIH** = American Conference of Governmental Industrial Hygienists

**CL** = Ceiling Level

**IARC** = International Agency for Research on Cancer: Monographs

**OSHA** = Occupational Safety and Health Administration

**N/A** = Not Applicable

**NTP** = National Toxicology Program: Annual Report on Carcinogens

**PEL** = Permissible Exposure Level (OSHA)

**TLV** = Threshold Limit Value (ACGIH)

**TWA** = Time Weighted Average over 8 Hours

This information is, to the best of our knowledge, accurate but may not be complete. THATCHER COMPANY furnishes this information in good faith, but without warranty, representation or guarantee of its accuracy, completeness, or reliability.