

0301280



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: CaCl₂ 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.