

Calcium Chloride Brine (Varying Weights)

SECTION 1. IDENTIFICATION

Product Identifier Calcium Chloride Brine (Varying Weights)
Other Means of Identification Liquid Calcium Chloride
Supplier Identifier Bri-Chem Supply Corp, 9351 Grant Street, Ste 380, Thornton, CO, 80229, 720-236-1012, www.brichemsupplycorp.com
Emergency Phone No. ChemTrec, (800) 424-9300, 24/7
SDS No. 0822

SECTION 2. HAZARD IDENTIFICATION

Classification

Acute toxicity (Inhalation) - Category 5; Skin irritation - Category 2; Eye irritation - Category 2A

Label Elements



Signal Word:

Warning

May cause irritation to skin, eyes and respiratory tract. Harmful if swallowed or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing mist. Use good personal hygiene and housekeeping.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Calcium chloride	10043-52-4	20-45		

Notes

*Composition/specific chemical identities are withheld as a trade secret under the provisions of OSHA hazard communication standard 29 CFR 1910.1200 * Product isn't considered hazardous according to criteria set under the US Federal OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. If breathing is difficult or irritation develops, seek medical attention.

Skin Contact

Remove contaminated clothing and footwear immediately. Wash with soap and water.

Eye Contact

Do not rub eyes. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used. DO NOT use an eye ointment. Seek medical attention if irritation persists.

Ingestion

Get medical attention. Do not induce vomiting unless directed to do so by a physician.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Wear appropriate protective gear for the situation. See personal protection information in Section 8. Isolate area. Keep authorized personnel from entering the area. Use appropriate safety equipment.

Methods and Materials for Containment and Cleaning Up

Dike the spilled liquid, and either pump back into original container or cover with sand or clay-type substance for absorption. Spilled material may cause a slipping hazard.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid skin and eye contact and breathing vapours or mists. Wash thoroughly after handling. Launder contaminated clothing before reuse.

Conditions for Safe Storage

Observe all federal, state, and local regulations when storing this product. Store in a tightly closed container away from incompatible materials. Do not store in metals which this solution corrodes.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls

Provide mechanical ventilation to prevent vapour/mist accumulation. Where there is possibility of exposure, eye wash fountain and safety sower should be provided within the immediate work area for emergency use.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Skin Protection

Wear appropriate non-leather protective gloves and boots. Wear appropriate normal work clothing. Leather work boots and/or leather products will dehydrate with resultant shrinkage and possible destruction.

Respiratory Protection

Respirator not generally required. For misty conditions, wear NIOSH approved mist respirator.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Clear amber liquid.
Odour	Odourless
pH	3.8 - 9.0 (% solution)
Melting Point/Freezing Point	Not available (melting)

Product Identifier: Calcium Chloride Brine (Varying Weights) - Ver. 1
Date of Preparation: October 05, 2015
Date of Last Revision:

SDS No.: 0822

Page 02 of 04

Initial Boiling Point/Range	118 °C (244 °F)
Flash Point	Not available
Flammability (solid, gas)	Will not burn.
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Solubility	Soluble in water
Other Information	
Physical State	Liquid

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Stable at normal temperatures and pressures.

Chemical Stability

Normally stable.

Incompatible Materials

Avoid contact with strong acids and oxidizers.

Hazardous Decomposition Products

If liquid completely dries from fire, thermal decomposition products may include toxic and corrosive fumes of chlorine and hydrogen chloride. product may react with some metals (aluminum, zinc, tine, etc.) to release flammable hydrogen gas.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

Skin Corrosion/Irritation

May cause skin irritation

Serious Eye Damage/Irritation

May irritate or burn eyes.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Mist inhalation may irritate nose, throat, and lungs. May cause nosebleeds.

Ingestion

May irritate gastrointestinal tract and cause nausea and vomiting.

SECTION 12. ECOLOGICAL INFORMATION

Persistence and Degradability

Product will not biodegrade

Bioaccumulative Potential

Product will not bioaccumulate

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Observe all federal, state, and local regulations when disposing of this substance.

SECTION 14. TRANSPORT INFORMATION

Not regulated under US DOT Regulations.

Product Identifier: Calcium Chloride Brine (Varying Weights) - Ver. 1
Date of Preparation: October 05, 2015
Date of Last Revision:

SDS No.: 0822

Page 03 of 04

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

USA

Additional USA Regulatory Lists

CERCLA=SARA HAZARD CATEGORY: Immediate (Acute) Health Hazard: YES, Delayed (Chronic) Health Hazard: NO

Fire Hazard: No

Reactive Hazard: No

Sudden Release of Pressure Hazard: No

Delayed (Chronic) Health Hazard. Fire Hazard

SARA SECTION 313: This product does not contain ingredients (at a level of 1% or greater) on the List of Toxic Chemicals.

TSCA STATUS:

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

CALIFORNIA PROPOSITION 65: This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

SECTION 16. OTHER INFORMATION

NFPA Rating Health - 1 Flammability - 0

SDS Prepared By Bri-Chem Supply Corp

Date of Preparation October 05, 2015

Disclaimer This Health and Safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage, and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

Product Identifier: Calcium Chloride Brine (Varying Weights) - Ver. 1

SDS No.: 0822

Date of Preparation: October 05, 2015

Date of Last Revision:

Page 04 of 04