



SAFETY DATA SHEET

Section 1: Product Identification

Product Name: Calcium Chloride Pellets
Chemical Name:
Synonyms:
Product Use: Melt Snow and Ice
Supplier's Details: Evergreen Chemical, Inc.
2808 Deering Bay Dr.
Naperville IL 60564
Phone Number: (773) 780-5282
Emergency Contact: (800) 424-9300

Section 2: Hazard Identification

Classification(GHS): Not Classified
GHS Labelling: No Labelling applicable
Percentage: Not Applicable
Other Hazards: Causes eye irritation. May cause skin irritation. May be harmful if swallowed.

Section 3: Composition/Information On Ingredients

Industrial Non-proprietary Name: Calcium Chloride Pellets
Chemical Formula: CaCl_2
CAS Number: Calcium chloride (10043-52-4)
Water (7732-18-5)
Potassium chloride (7447-40-7)
Sodium chloride (7647-14-5)



Section 4: First-Aid Measures

Skin and Eye:	Flush with water
Ingestion:	Rinse mouth out and give .5 to 1 glass of water to dilute material. Get medical attention.

Section 5: Fire-Fighting Measures

Flash Point:	Not applicable
Fire Hazard:	This material does not burn unless exposed to fire from another source.
Explosion Hazard:	Negligible fire hazard when exposed to heat or flame.
Special Fire Fighting Procedures:	Move containers from fire area. Apply cooling water to sides of containers. Do not use water directly on material.
Special Remarks on Explosion Hazards:	Heat is generated when product mixes with water.

Section 6: Accidental Release Measures

Non-hazardous:	Isolate area. Prevent from entering into soil, ditches, sewers, waterways and/or ground water as it could result in excessive salinity. Wear appropriate gear. Minimize air borne spreading of dust. For dry spills place material in covered, clean, dry container for disposal.
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Section 7: Handling And Storage

Heat developed during diluting or dissolving is very high. Use cool water when diluting or dissolving. Keep container closed. Store in a covered, clean and dry container away from incompatible materials.



Section 8: Exposure Controls/Personal Protection

Eye/Face Protection:	Use safety glasses. For dusty operations or when handling solutions of the material, wear chemical goggles.
Skin/Body Protection:	Wear appropriate protective (impervious) clothing. Leather work boots and leather products will dehydrate with resultant shrinkage and possible destruction.
Hand and Feet Protection:	Use gloves chemically resistant to this material. If hands are cut or scratched, use gloves chemically resistant to this material even for brief exposures.
Respiratory Protection:	Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator. In dusty or misty atmospheres, use an approved particulate respirator.

Section 9: Physical And Chemical Properties

Appearance/Physical State:	White Pellets. Odorless.
Vapour Pressure:	Not available
Vapour Density (Air=1.0)	Not applicable
Evaporation Rate	Not available
Solubility in Water (g/100cc)	Not available
Sizing Range	1 – 6mm 95%min
(gm/cc, Water = 1.0)	
% Volatile by Volume	Not available
Bulk Density	Approx. 53-58lb/ft ³

Section 10: Stability And Reactivity



Chemical Stability:	Stable under ordinary conditions of use and storage. Substance will pick up moisture from the air and go into solution if exposed in open containers.
Conditions to Avoid:	Incompatibles
Hazardous Polymerization:	Will not occur
Hazardous Decomposition:	Emits toxic chlorine fumes when heated to decomposition. May form hydrogen chloride in presence of sulfuric or phosphoric acids or with water at elevated temperatures.
Incompatibilities:	Methyl, vinyl ether, water, zinc, bromine trifluoride, mixtures of lime and boric acid, barium chloride, and 2-furan percarboxylic acid.

Section 11: Toxicological Information

Repeated Dose Toxicity:	The data presented are for the following material: Potassium Chloride. In animals, effects have been reported on the following organs after ingestion: Gastrointestinal tract. Heart. Kidney. Dose levels producing these effects were many times higher than any dose levels expected from exposure due to use.
Developmental Toxicity:	For the major components : Did not cause birth defects or any other fetal effects in laboratory animals.
Local Effects:	Calcium chloride is an alkaline compound, highly hygroscopic, dusty in the form of powder. Dusts and mists will cause irritation of nasal mucosa, burning sensation and redness of eyes, skin dryness and irritation of gastrointestinal tract.
Risks to living organisms:	LD ₅₀ . Rat 900 – 2,100 mg/kg LD ₅₀ , Rabbit > 5,000 mg/kg



Section 12: Ecological Information

Environmental Summary

No data available

Degradability

Product will not biodegrade or accumulate

Section 13: Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements.

Section 14: Transport Information

In Accordance with DOT

Not regulated for transport

Section 15: Regulatory Information

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Section 16: Other Information

Effective Date:

March 20, 2015

Version:

1

Contact:



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