

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

**Section 1: Identification**

**Product Name** Calcium Chloride FCC Anhydrous  
**Commercial Name** Calcium Chloride, Anhydrous  
**Product Use** Manufacture of substances  
**Restrictions On Use** Not available.

**Product Code** 30-2856

**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760

In case of emergency contact:  
**CHEMTREC (24hr) 1-800-424-9300**

**Section 2: Hazard(s) Identification**

**OSHA Haz Com:** GHS Classification Acute toxicity, Oral (Category 4) HMIS Classification Health hazard 1 Flammability 1  
**CFR 1910.1200** Physical hazards 1 NFPA Rating Health hazard 1 Fire 1 Reactivity Hazard 0

**Signal Word** WARNING

**Hazard Statement(s)** Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes eye irritation.

**Pictogram(s) or Symbol(s)**



**Precautionary Statement(s):**

**Prevention** P102 Keep out of reach of children. P103 Read label before use. P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response** P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P330 Rinse mouth. P337 + P313 If eye irritation persists: Get medical advice/attention.

**Storage** Not available.

**Disposal** P501 Dispose of contents/container to an approved waste disposal plant.

**Section 3: Composition/Information on Ingredients**

**Substance/Mixture** Substance  
**Components** Calcium chloride, Anhydrous  
**% By Weight** 100  
**CAS#** 10043-52-4  
**Molecular Weight** 110.99 g/mole  
**Chemical Formula** CaCl<sub>2</sub>  
**Synonym(s)** Not available.

**Mixtures**

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Calcium chloride, Anhydrous	10043-52-4	100	Not available.	ORAL (LD50):Acute: 1000mg/kg [Rat].1940 mg/kg [Mouse].

**Section 4: First-Aid Measures**

<b>Inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
<b>Skin Contact</b>	Wash off with soap and plenty of water.
<b>Eye Contact</b>	Flush eyes with water as a precaution.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Not available.
<b>Delayed</b>	Not available.
<b>Immediate Medical Attention</b>	
Not available.	

**Section 5: Fire-Fighting Measures****Suitable Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media**

Not available.

**Products of Combustion**

Carbon oxides

**Firefighters Special Equipment and Precautions**

Wear self contained breathing apparatus for fire fighting if necessary.

**Section 6: Accidental Release Measures**

Personal precautions: Avoid breathing vapours, mist or gas. Environmental precautions: Do not let product enter drains. Methods and materials for containment and cleaning up: Keep in suitable, closed containers for disposal.

**Section 7: Handling and Storage**

Precautions for safe handling: Normal measures for preventive fire protection. Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	Not available.
<b>Personal Protection</b>	Respiratory protection: Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Eye protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin and body protection: Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	White. Solid.		
<b>Odor</b>	Characteristic		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	(°C) 176	<b>pH</b>	Not available.
<b>Freezing Point</b>	Not available.	<b>Vapor Pressure</b>	Not applicable.
<b>Boiling Point/Range</b>	Not available.	<b>Vapor Density</b>	0.835
<b>Decomposition temperature</b>	Not available.	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available.	<b>Evaporation Rate</b>	Not available.
<b>Flash Point</b>	(°F) Closed cup >200	<b>Autoignition temperature</b>	Not available.
<b>Flammability</b>	Not available.	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available.
		<b>Upper</b>	Not available.
<b>Solubility(ies)</b>	Soluble.		
<b>Other</b>	Density @25 °C 0.835		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available.
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Hazardous Polymerization</b>	Not available
<b>Conditions to Avoid</b>	Not available
<b>Incompatible Materials</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Not available.

**Section 11: Toxicological Information**
**RTECS** EV9800000

**Acute Toxicity**

Oral LD50 - no data available Inhalation LC50 - no data available Dermal LD50 - no data available

**Skin Corrosion/Irritation**

Not available

**Serious Eye Damage/Irritation**

Not available

**Respiratory or Skin Sensitization**

Not available.

**Germ Cell Mutagenicity**

Not available.

**Carcinogenicity**

Not available.

**Reproductive Toxicity**

Not available.

**Routes of Entry**

Not available.

**Symptoms Related to Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.



## Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Calcium Chloride FCC Anhydrous

30-2856

### Potential Health Effects

May be harmful if inhaled. May cause respiratory tract irritation. May be harmful if swallowed. May be harmful if absorbed through skin May cause skin irritation. May cause eye irritation

**Target Organ(s)** Not available.

### Section 12: Ecological Information

#### Ecotoxicity

Not available.

#### Persistence and Degradability

Not available.

#### Bioaccumulative Potential

Not available.

#### Mobility in Soil

Not available.

#### Other Adverse Effects

Not available.

### Section 13: Disposal Considerations

#### Waste Disposal

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

#### Disposal of Container

Dispose of as unused product

#### Other Considerations

Not available.

### Section 14: Transport Information

#### DOT Classification

DOT Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

### Section 15: Regulatory Information

#### Regulations

SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards No SARA hazards Massachusetts Right To Know Component No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Component No components are subject to the Pennsylvania Right to Know Act. New Jersey Right To Know Component No components are subject to the New Jersey Right to Know Act. California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

#### Other

WHMIS CLASS D-2B: Material causing other toxic (Canada) effects (TOXIC); DSCL (EEC) R36- Irritating to eyes.; Gloves.; Lab coat.; Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.; Splash goggles. OSHA Hazards Combustible dust, Irritant SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards Acute Health Hazard Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS-No. Revision Date Calcium chloride 10043-52-4 New Jersey Right To Know Components CAS-No. Revision Date Calcium chloride 10043-52-4 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

**Section 16: Other Information**

Material Safety Data Sheet prepared by: PCCA The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond PCCA's control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage, or expense arising out of the products improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission in the SDS. Various federal, state, or provincial agencies may have specific regulations concerning the transportation, handling, storage, use, or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.