

## Rexar Technical Compound Datasheet

**Product Name:** Calcium Chloride  
**Chemical Name:** Calcium chloride, anhydrous  
**CAS Number:** 10043-52-4  
**PubChem CID:** 5284359

**Synonyms:**

- Calcium chloride
  - Calcium chloride anhydrous
  - Calcium dichloride
  - CaCl<sub>2</sub>
- 

### Chemical Information

**Molecular Formula:** CaCl<sub>2</sub>  
**Molecular Weight:** 110.98 g/mol  
**IUPAC Name:** Calcium chloride  
**SMILES:** [Ca+2].[Cl-].[Cl-]  
**InChIKey:** UXVMQQNJUSDDNG-UHFFFAOYSA-L  
**Appearance:** White hygroscopic powder, granules or flakes  
**Density:** 2.15 g/cm<sup>3</sup>  
**Melting Point:** 772 °C  
**Boiling Point:** 1935 °C  
**Solubility:** Highly soluble in water

---

### Applications

- Reference material for analytical chemistry workflows
  - Laboratory reagent and technical chemical applications
  - Calibration and quality control procedures
  - Method development and validation
  - Educational and research laboratory use
- 

### Storage & Handling

**Storage Temperature:** 15–25 °C  
**Environment:** Dry, cool, and protected from moisture  
**Handling:** Use standard laboratory safety procedures  
**Packaging:** Delivered in sealed containers for laboratory use only

---

### **Additional Notes**

- Offered exclusively as an analytical chemical for laboratory purposes
- No health, nutritional, medical, or consumer claims are associated with this product
- For detailed chemical data, visit: **PubChem CID 5284359**