

**Identification**

CaCl<sub>2</sub>  
M = 110,99 g/mol  
CAS [10043-52-4]  
EC number: 233-140-8  
Taric code: 2827 20 00

**Synonyms**

Chloro calcium

**Applications**

analytical chemistry, laboratory reagent, desiccant.

**Specifications**

assay (argentometric).....	min. 95 %	ammonium (NH <sub>4</sub> ).....	max. 0,01 %
insoluble in water and precipitable with ammonia	max. 0,1 %	arsenic (As).....	max. 1 ppm
acidity (as HCl).....	max. 0,01 %	copper (Cu).....	max. 0,002%
phosphates (as PO <sub>4</sub> ).....	max. 0,005 %	iron (Fe).....	max. 0,005%
sulfates (SO <sub>4</sub> ).....	max. 0,05 %	lead (Pb).....	max. 0,002%
		nickel (Ni).....	max. 0,002%

**Physical data**

- Appearance: powder or granulated powder, white
- Spec. Density: 2,15 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 740 g/l
- Melting point: 772 °C
- Boiling point: > 1600 °C
- pH(100 g/l H<sub>2</sub>O, 20 °C) ~ 8 - 10
- Hygroscopic

**Safety - GHS**

**Signal Word:** Warning

**Hazard Statements:**

H319: Causes serious eye irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P264: Wash thoroughly after handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313: If eye irritation persists: Get medical advice / attention.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 10°C - 30°C