Technical Data Sheet

Calcium chloride, 500 g

≥98 %, dehydrated, powder

§§ EVE/EUD

Warning

H319 ⓘ
P280 P305+P351+P338 P337+P313 ⓘ

Related products

Calcium chloride ≥98 %, dehydrated, powder

Pack Qty.

500 g

Pack.

plastic

Empirical formula $CaCl_2$
Molar mass (M) 110,99 g/mol
Density (D) 2,15 g/cm³
Boiling point (bp) 1935 °C
Melting point (mp) 775 °C
WGK 1
CAS No. 10043-52-4
EG-Nr. 233-140-8

Drying agent

Particle size: ~0.025-0.1 mm

Product details

€40.75/Pack Qty.

excl. VAT. | 500 g per Pack Qty.

Art. No. CN93.1

In production

Product details

Calcium chloride ≥98 %, dehydrated, powder

Particle size: ~0.025-0.1 mm

Technical Information

Suitable (as desiccant) for	Saturated, olefin and aromatic hydrocarbons, alkyl halides, ethers, multiple esters, acetone
Not suitable (as desiccant) for	Ammonia, amines, alcohols, aldehydes, phenols, several esters, ketones
Regeneration	250 °C

Calcium chloride

Selected quantity: 0 Subtotal: **0.00**

		Art. No.	Pack Qty.	Pack.	Price	Quantity
	■	CN93.1	500 g	plastic	**€40.75**	− 0 +
	■	CN93.2	1 kg	plastic	**€71.95**	− 0 +
	●	CN93.3	2.5 kg	plastic	**€155.90**	− 0 +
	●	CN93.4	5 kg	plastic	**€284.90**	− 0 +
	■	CN93.5	25 kg	plastic	**€929.90**	− 0 +

● In stock ○ Available ■ In procurement ▲ No longer available ◆ Delivery date currently unknown

Downloads / MSDS +

General information −

Desiccants

Desiccants can absorb water and bind it chemically (reversibly or irreversibly) or physically. The main desiccants can be subdivided into four categories:

- non-renewable chemical desiccants
- renewable chemical desiccants
- silica gels
- molecular sieves

Drying methods for solvents

Solvent	Molecular sieve	Potassium carbonate	Calcium chloride	Phosphous pentoxide
Acetic acid	-	-	-	+
Acetic acid anhydride	-	-	+	-
Acetic acid ethyl ester	**4 Å**	+	-	+
Acetic acid methyl ester	**4 Å**	+	-	+
Acetone	**3 Å**	+	+	-
Acetonitrile	**3 Å**	+	+	+
Benzene	**4 Å**	-	+	-
1-Butanol	-	+	-	-
2-Butanol	-	+	-	-
1-Butanone	-	+	+	-
Chloroform	**4 Å**	-	+	+
Cyclohexane	**4 Å**	-	-	-
Dichloremethane	**4 Å**	-	-	-
Diethylether	**4 Å**	-	+	-
Diisopropyl ether	**4 Å**	-	+	-
Dimethyl formamide	**4 Å**	-	-	-
Dioxan	**4 Å**	-	+	-
Ethanol	**3 Å**	-	-	-
Ethyle formate	-	-	+	-
n-Hexane	**4 Å**	-	-	-
Methanol	**3 Å**	-	+	-
2-Propanol	**3 Å**	-	-	-

Pyridine	**4 Å**	-	-	-
Tetrahydrofurane	**4 Å**	-	+	-
Toluene	**4 Å**	-	+	-
Trichloroethylene	-	+	-	-
Xylene (Isomer compound)	**4 Å**	-	+	-

Certificates of Analysis

Type analysis

Assay ($CaCl_2$)	≥98,0 %
Water insoluble residue	≤0,1 %
Fluoride (F)	≤0,004 %
Arsenic (As)	≤0,0003 %
Lead (Pb)	≤0,0002 %
Iron (Fe)	≤0,01 %
Mercury (Hg)	≤0,0001 %