

Calcium nitrate anhydrous

APPLICATION DATA SHEET

Due to its chemical properties calcium nitrate has widespread application in various industries. Calcium compounds are main components of cement-based construction materials. Calcium nitrate-based concrete additives increase concrete curing speed, improve strength characteristics and slow down corrosion processes in reinforcing steel.

In oil and gas industry, calcium nitrate, owing to its water solubility and anti-corrosion properties, is used as a component of well killing fluids and in scheduled servicing and work-over of wells.

It is also widely used in chemical industry, among other things, as a coagulating agent in manufacturing of rubber and plastics.

CALCIUM NITRATE ANHYDROUS

Chemical name:	Calcium nitrate anhydrous	CAS/EINECS number:	10124-37-5/233-332-1
Chemical formula:	Ca(NO₃)₂	Custom code (TARIC):	28342980

SPECIFICATION

Appearance	white granules
Calcium nitrate, min	96%
Moisture content, max	3%
Ammoniacal Nitrogen	0.3%
Insolubles, max	0.1%
Granulometric composition	
▶ Under 1 mm, max	10%
▶ 1 - 4 mm, min	90%
Under 6 mm	100%
Friability	100%

Note: All of the above results are based on the analysis of a composite sample. Individual samples may fall outside the specified typical.

PACKING

PE 25 kg bags, palletized. 1000 kg big bags.



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