

Calcium Acetate

Description

Calcium Acetate is available as white powder or agglomerate. These two versions are chemically identical and differ only in physical form. The agglomerate offers the properties on non-dustiness, improved wettability, higher reactivity, higher bulk density and improved free-flowability.

PRODUCT PROPERTIES

Product name	Calcium Acetate
Formula	$(\text{CH}_3\text{COO})_2\text{Ca} \times \text{H}_2\text{O}$ where x is ≤ 0.5
Molecular weight(anhydrous)	158.17 g/mol
CAS No.	62-54-4
EINECS No.	2005409
HS code US	2915.29.5000
HS code EU	2915.29.00
Solubility in water	
at 0°C	37.4 g/100 ml
at 25°C	35.3 g/100 ml
at 100°C	29.7 g/100 ml

Product grades

Calcium Acetate is available in pharmaceutical and in industrial grade.

Application

Pharmaceutical grade Calcium Acetate can be used as a phosphate binder to treat Hyperphosphatemia (elevated blood phosphorus levels), as well as in laboratory reagents and in the production of anti-epileptic drugs. The product is FDA listed (DMF # 18997). Pharma grade Calcium Acetate is produced under GMP.

Industrial grade Calcium Acetate is used in the production of lubricants, carbon black and resins for printing ink, in calcium soap manufacture, as a gelling agent, in water treatment, as a concrete accelerator and as a PVC foam blowing agent. The product is also used in fertilizers as a calcium source with a calcium (Ca) level of minimum 23.8% (33.4% expressed as CaO).

Stability

Pharmaceutical grade Calcium Acetate is stable for 3 years from date of production. All other grades have 2 years stability. Physical stability and appearance may change before the end of shelf-life if not stored single-stacked in closed original packaging, dry and at room temperature.

Handling

Product has no classification. Always check the Safety Data Sheet and label before using the product.

Packaging

Depending on product form in 20 or 25 kg polyethylene lined paper bags or 50 or 100 kg in polyethylene packed fibre drums.

Safety precautions

Please see the Safety Data Sheet before handling the material.

Warranty. This information herein is offered as a guide and is believed to be accurate and reliable as of the date of the printing. The values given are not to be considered as a warranty and they are subject to change without prior notice. For additional information regarding our products or for information concerning current specifications, please contact our Technical Service.

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