



(Traders Exporters importers & in Chemicals, Acids, Dyes, Solvents, Auxiliaries, Minerals)

Sales office: No.7, Thiruverkadu Main Road, Near Ambattur Industrial Estate,

Ayyapakkam, Chennai-600 077 Tamilnadu State-South India

Ph No.91-044-26820071 Cell No.9444007960

E-mail: sales@pentagonchemical.com www.pentagonchemical.com

PRODUCT - CALCIUM STEARATE

Name	: Calcium Stearate
Mol Formula	: (C ₁₇ H ₃₅ COO) ₂ Ca
Mol. Weight	: 607 CAS
Registry No.	: 1592-23-0
Merck Index No	: 1750 (12tn Edition)
Beilstein Reference	: 4-02-00-01206

Calcium (Di) Stearate is a calcium soap that is insoluble in water; ether ; chloroform ; Acetone ; cold alcohol , slightly soluble in hot alcohol ; hot vegetable & mineral oils, quite soluble in hot pyridine. Calcium Stearate is produced by Pentagon Chemicals (Calcium products) at its most modern manufacturing facility and strict quality Standards are maintained.

Calcium Stearate produced by us is available in fine white powder form and is produced in several grades according to end application requirement. A special grade is available for cement paint manufacturers; likewise, many different grades with varying bulk density from 120 gm/ltr to 500 gm/ltr are available with other varying parameters according to application specific requirement.

Calcium Stearate is highly recommended as stabilizer for PVC resins, lubricant (release agent) for plastic molding powders and tablets, emulsions, cements , pencils, for waterproofing NG base explosives ; fabrics ; cements cement paints ;mortar admixtures. Construction chemicals, flatting agent in paints; cosmetics. As lubricating agent in paper & paperboard coating compositions. In resin coated sands & foundry chemicals, in decaking food items like onions. As neutralizer; color stabilizer; fiber breakage reducer; and de-agglomeration agent in PP.

SPECIFICATION - CALCIUM STEARATE (PURE)

Appearance	: White Powder
Molecular Weight	: 606
Specific Gravity	: 1.05
Ash Content	: 9.5 – 10.5%
Calcium Content	: 6.8 – 7.5%
Moisture Content	: 2% max
Bulk Density/Free Flowing:	0.25 – 0.35gm/ml
Particle Size (240 mesh)	: 98% min
Free Stearic Acid	: 1% max
Packing	: 15/25 Kg HDPE Bag with Polythene Linear