

TECHNICAL DATA SHEET



MAA DURGA POLYCHEM PVT. LTD.

We understand Yours Needs...

Calcium Stearate (CS)

PureSTAB™ - A1

Description

PureSTAB™ - A1 is a Calcium Stearate designed as a carboxylate salt of calcium, classified as a calcium soap. The salt is a component of some lubricants, surfactants, as well as many foodstuffs. It is a white waxy powder. Calcium stearate is produced by heating fatty acid and calcium salt. It is also the main component of soap scum, a white solid that forms when soap is mixed with hard water. Unlike soaps containing sodium and potassium, calcium stearate is insoluble in water and does not lather well.

Typical Physical and Chemical Properties

CAS No.	1592-23-0	Calcium Content	6.8 - 7.5%
Appearance	Fine Powder	Moisture Content	2% max
Colour	White	Bulk Density, Free Flowing	0.25 - 0.35 gm/ml
Molecular Weight	606	Particle Size (240 mesh)	98% min
Specific Gravity	1.05	Free Stearic Acid	1% max
Ash content	9.5 – 10.5%		

Solubility

This product is insoluble in water, ether, chloroform, acetone, cold alcohol, slightly soluble in hot alcohol, in hot vegetable and mineral oils and quite soluble in hot pyridine.

Applications

- Primarily used as internal lubricant and co-stabilizer in PVC formulation.
- Widely used in rigid PVC pipes, profiles and cable compounds also used in reinforced suction hoses, sheets, tubings and films, Polypropylene, master batches, cement paints, pharmaceuticals, water repellent, flattening agent, mould release and in cosmetics.

Recommendation Usage Level

0.5 – 1 phr of PVC Resin.

Self Life

This product is used has long, when stored under the right conditions.

Packaging

This product is packaged in 25Kgs. PP Woven Sack Bag with Linner.

Storage

Store in a cool and dry place, once opened, the bag should be tightly close after use.

No warranty, expressed or implied, or merchantability, fitness for a particular purpose or otherwise is made, except that the products herein discussed comply with the chemical description on the labels. Buyer assumes risks of the use, storage and handling. Hummel shall not be liable for any incidental or consequential damages arising directly or indirectly in connection with the purchase, use, storage or handling of this product. The information contained herein is, to the best of our knowledge, true and accurate. However, all recommendation or suggestions are made without guarantee, since the conditions of use are beyond our control. We disclaim any liability incurred in connection with the use of these data or suggestions. This information is not to be taken as a license to operate under, or a recommendation to infringe any patent (s).

The above mentioned chemical product has no poison, no pollution and no cauterization, It is common chemical product.

Made In India

MANUFACTURER • IMPORTER • EXPORTER

PVC HEAT STABILIZER □ OPTICAL BRIGHTENER □ TITANIUM DIOXIDE

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