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# Calcium Stearate

## Introduction

Calcium Stearate is widely used as an acid absorbent and lubricant in different plastics like PVC, PP, PE. Used in petrochemical also plastic compounding. It is widely used in CSB as well.

Formula: C<sub>36</sub>H<sub>70</sub>CaO<sub>4</sub>

CAS NO.:1592-23-0

synonyms: CEASIT SW/PA Baerlocher, Calcium Stearate SW/DW/WLC FACI

## Properties

Product Name	Calcium Stearate	Grade	Petrochemical Grade
Item	Index		
Appearance	White Powder		
Melt point (°C)	146~ 155		
Calcium (%)	6.8~7.2		
Free Fatty Acid(%)	≤0.5		
Moisture (%)	≤3.0		
Iodine Value (%)	≤0.5		
Fineness(mesh)	325 mesh (99% passed)		
Pb ( %/ppm)	< 10		
Fe ( %/ppm)	< 10		

## Application

PVC: When applied in PVC, cooperate with zinc stearate used as a non-toxic stabilizer, and cooperate with organic Tin used as an auxiliary heat stabilizer

The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility, Users should undertake sufficient verification and testing to determine the suitable for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.



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and inner lubricant.

PE and PP: Used as acid absorbent and lubricant.

PA: Used as a lubricant.

Latex and Rubber: Used as parting agent and lubricant.

SMB-BMC: Used as lubricant and release agent.

Plastic masterbatch: Used as a dispersing agent.

## Safety

Calcium Stearate is a non-toxic, environmentally friendly product, good biodegradable, and approved for application in food indirect contact packaging materials.

## Package

25kg/bag, 500kg/pallet, 40 pallets, and 20 tons in total (40ft container)

## Storage

It is recommended to store the product in a dry place at 25°C max, avoiding direct sunlight and rain (this product has strong hygroscopicity). Prolonged storage over 60°C can cause some lump. It is

not dangerous, according to the general chemicals for transport, and storage. Should remain within the specification limits at least two years after production, provided it is properly stored.

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