

CALCIUM STEARATE	Technical Datasheet
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Chemical Name	CALCIUM STEARATE	
Grade Name	CALCIUM STEARATE	
CAS No.	1592-23-0	
HS Code	29157010	
EINECS No.	216-472-8	
Molecular Formula	C36H70CaO4	
Synonyms	<ul style="list-style-type: none"> • Calcium di(octadecanoate) 	
TEST	SPECIFICATION	METHOD
Appearance	white to yellowish-white powder	Visual
Melting Range (Degrees C)	155-180	Melting Point Apparatus (Open Capillary Tube Method)
Density (gm/ cm3)	1.08-1.12	Pycnometer

Product Information:

- Calcium stearate is used as a flow agent and surface conditioner in some candies such as Smarties, jawbreakers and Sprees.
- It is a waterproofing agent for fabrics.
- A lubricant in pencils and crayons.
- The concrete industry uses calcium stearate for efflorescence control of cementitious products used in the production of concrete masonry units i.e. paver and block, as well as waterproofing.
- In paper production, calcium stearate is used as a lubricant to provide good gloss, preventing dusting and fold cracking in paper and paperboard making
- In plastics, it can act as an acid scavenger or neutralizer at concentrations up to 1000ppm, a lubricant and a release agent. It may be used in plastic colorant concentrates to improve pigment wetting. In rigid PVC, it can accelerate fusion, improve flow, and reduce die swell
- Applications in the personal care and pharmaceutical industry include tablet mold release, anti-tack agent, and gelling agent.
- Anticaking agent for drugs etc

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: Calcium stearate is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - FOOD AND DRUGS
 Chapter: I - FOOD AND DRUG ADMINISTRATION DEPARTMENT OF HEALTH AND HUMAN SERVICES
 Subchapter: B - FOOD FOR HUMAN CONSUMPTION (CONTINUED)
 Part: 184 - DIRECT FOOD SUBSTANCES AFFIRMED AS GENERALLY RECOGNIZED AS SAFE
 Subpart: B - Listing of Specific Substances Affirmed as GRAS
 Section: 184.1229 - Calcium stearate.

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.