



## SOVEREIGN CHEMICAL COMPANY

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# COAD<sup>®</sup> LM CALCIUM STEARATE

**Manufacturer:** The Norac Company, Inc.

**Classification:** High grade calcium stearate

**Chemical Composition:**  $\text{Ca}(\text{C}_{18}\text{H}_{35}\text{O}_2)_2$

### Specification Data

Specification Properties	Value	Test Method
Total Ash, as CaO	9.5-10.0%	316
Free Fatty Acid	0.8-3.5%	308
Moisture	3.5% Maximum	302
Softening Point	125-135°C	494
Fineness, Thru 325 mesh	95.0% minimum	358
<b>Typical Properties</b>		
Particle Size	9-14 $\mu\text{m}$	358
Physical Form	Free flowing white powder with a slight fatty odor	Visual

### Applications

**Uses:** OAD<sup>®</sup> LM Calcium Stearate is used as a dusting powder on uncured rubber stocks to prevent adhesion.

**Description:** COAD<sup>®</sup> LM Calcium Stearate is a high grade calcium stearate manufactured under controlled conditions to provide a lower melting product than typical calcium stearates. It has a melt point of 128°C compared to 155°C for normal calcium stearate grades. It is useful in applications where limits on zinc content is critical and calcium is not objectionable.

### FDA Regulations

Adjuvants, production aids, and sanitizers 21 CFR 178.1010(b)(41) & (c)(36)  
Antioxidant and/or stabilizer for polymers 21 CFR 178.101(b)(41)  
Defoaming agent, direct food additive 21 CFR 173.340(a)(3)  
Food additive permitted in feed and drinking water 21 CFR 573.280  
Food contact surface component 21 CFR 177.2410(b) & 2600(c)(4)  
Irradiated prepackaged food coating 21 CFR 179.45(c)(2)  
Prior-sanctioned food ingredient 21 CFR 181.29  
Resinous and polymeric coating 21 CFR 175.300(b)(3)  
Food ingredient, safe designation 21 CFR 184.1229

### Packaging and Storage

**Packaging:** 25 lb. and 50 lb. multiwall bags, unitized on non-returnable wooden pallets.

**Shelf Life:** 3 years from date of manufacture if stored as indicated below.

**Storage:** Storage conditions greatly affect the usable life of the product. Material should be stored in an enclosed area at ambient temperature away from extreme heat and moisture.

Specification Date: September 30, 2004(supersedes August 9, 1996)