

## TECHNICAL DATA SHEET:

### Stearates - Technical Grade



Material Sciences

#### Stearates - Technical Grade - 1360-G - Calcium Veg 325 Mesh

**1360-G** is a finer particle size grade of Calcium Stearate. Calcium stearates can perform the following functions in formulations; lubricants, acid scavengers, coupling agents, waterproofing agents, viscosity modifiers and flattening agents.

1360-G can be used in the production of PVC siding and profile extrusions, SMC, waterproofing compositions and powdered metals.

**BSI Code:** 1360-G

**Description:** 325 Mesh

**Grade:** Vegetable

**C.A.S. Number:** 1592-23-0

**Storage Life:** 24 months from date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity.

**Handling Precautions:** Please refer to the Calcium Stearate Safety Data Sheet.

#### TYPICAL PROPERTIES

Oxide (%)	9.2 - 10.0
Moisture (max %)	3.0
Free Fatty Acid (max %)	1.0
Bulk Density (g/ml)	0.26
Melting Point (°C)	150 - 160
% Thru 325 Mesh	99.0

#### CFR REFERENCES:

1360-G Calcium Stearate is suitable for use in food packaging applications in accordance with the following FDA Code of Federal Regulations:

**21CFR172.863** - Salts of fatty acids.

**21CFR173.340** - Defoaming agents.

**21CFR175.300** - For use in resinous and polymeric coatings.

**21CFR177.2410** - For use as a catalyst in phenolic resins in molded articles.

**21CFR177.2600** - For use as an activator in rubber articles intended for repeated use.

**21CFR178.2010** - Antioxidants and/or stabilizers for polymers.

**21CFR179.45** - Packaging materials for use during the irradiation of prepackaged foods.

**21CFR181.29** - Stabilizers.

**21CFR184.1229** - Calcium stearate.

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