

TECHNICAL DATA SHEET:

Stearates - Technical Grade



Material Sciences

Stearates - Technical Grade - 1345-G - Calcium

1345-G is a general purpose tallow grade calcium stearate. Calcium stearates can perform the following functions in formulations; lubricants, acid scavengers, coupling agents, waterproofing agents, viscosity modifiers and flattening agents.

1345-G can be used in the production of PVC siding and profile extrusions, SMC, waterproofing compositions and powdered metals.

BSI Code: 1345-G

Description: Technical

Grade: Tallow

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 (%)	9.8 - 11.0
Moisture (max %)	2.8
Free Fatty Acid (max %)	1.0
Water Solubles (max %)	0.1
Bulk Density (g/ml max)	0.26
Melting Point (°C)	150 - 160
% Thru 200 Mesh	99.0

CFR REFERENCES:

1345-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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Brenntag Specialties, LLC / 1 Cragwood Rd, Suite 302, South Plainfield, NJ 07080 / 800.732.0562