

TECHNICAL DATA SHEET:

Stearates - Technical Grade



Material Sciences

Stearates - Technical Grade - 907-G - Aluminum Low Gel HFFA

907-G is a lower melt, High Free Fatty Acid (HFFA) grade aluminum stearate. Aluminum stearates can perform the following functions in formulations; thickening agent, waterproofing agent, viscosity modifier, flattening agent and gelling agent.

These products are used in the production of color concentrates, paints, coatings, greases, and drilling muds.

BSI Code: 907-G

Description: Low Gel, High FFA

Grade: Tallow

C.A.S. Number: 637-12-7

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 Aluminum Stearate Safety Data Sheet.

TYPICAL PROPERTIES

Oxide (%)	8.0 - 10.0
Moisture (max %)	2.0
Free Fatty Acid (max %)	10.0 - 15.0
Bulk Density (g/cc)	0.28 - 0.32
Melting Point (°C)	120 - 140
% Thru 100 Mesh	95.0

CFR REFERENCES:

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

21CFR175.105 - Adhesives.

21CFR175.210 - Acrylate ester copolymer coating.

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

21CFR176.170 - Components of paper and paperboard in contact with aqueous and fatty foods.

21CFR176.180 - Components of paper and paperboard in contact with dry food.

21CFR176.200 - Defoaming agents used in coatings.

21CFR176.210 - Defoaming agents used in the manufacture of paper and paperboard.

21CFR177.2260 - Filters, resin-bonded.

21CFR177.2800 - Textiles and textile fibers.

21CFR178.3297 - Colorants for polymers.

21CFR178.3910 - Surface lubricants used in the manufacture of metallic articles.

21CFR178.3930 - Terpene resins.

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

21CFR181.29 - Stabilizers.

While the data presented in this information sheet reflects the present state of our knowledge and is believed to be accurate and reliable, it is provided without liability as a courtesy only and is to be used and relied upon at the reader's sole risk. Readers should make their own determination as to the suitability of any product for a particular use. We recommend that readers conduct their own product trials before using any particular product. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties rights. The recommendations contained herein do not constitute a warranty, either express or implied, as to the fitness or suitability of any product for a particular purpose. For more information and assistance, please contact Technical Services at BSL_regulatory_dept@brenntag.com

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