

PRODUCT DATA SHEET



CALCIUM STEARATE | L-155 | L-155V - ANIMAL FEED

CASRN 68424-16-8
1592-23-0

DESCRIPTION

CALCIUM STEARATE L-155 and **L-155V** are fusion reacted calcium stearates (calcium hydroxide + fatty acid), suitable for use in Animal Feed applications. These grades are produced in our SF/SF (Safe Feed, Safe Food) certified facility and are FSMA (Food Safety Modernization Act) compliant. **L-155V** is manufactured using vegetable derived stearic acid. **L-155** is manufactured using tallow derived stearic acid.

KEY FEATURES & BENEFITS

- Suitable for use in Animal Feed and Agriculture applications.
- **SF/SF (Safe Feed Safe Food) Certified, Food Safety Modernization Act (FSMA)** compliant incorporating **HACCP** and **GMP** practices.
- Does not contain any GMO (genetically modified organisms), does not pose risk for BSE (bovine spongiform encephalopathy) and is free of chick-edema factor.
- Available in **Vegetable** (L-155V) and **Tallow** (L-155) formats.
- **Manufactured in North America.**
- Truckload, pallet and less than pallet service throughout North America.
- Finer particle size powder and Aqueous Dispersions also available.



TYPICAL PROPERTIES

Property	Calcium Stearate L-155 / L-155V
Appearance	White powder
Moisture, % by wt.	2.5
Free Fatty Acid, % by wt.	0.3
Total Ash, % by wt.	10.5
Melting Point, °C (°F)	155 (311)
Particle Size, % <20 mesh	100
Particle Size, % <200 mesh	> 90
Particle Size, % <325 mesh	N/A
Stearic Acid Source	Tallow / Vegetable

APPLICATION

- Blachford Calcium Stearates are used as **anti-caking** and **waterproofing** agents in animal feed and agriculture applications where improved flow characteristics and moisture protection are required.
- Blachford Calcium Stearate repels moisture both directly and by coating the feed particles, resulting in an anti-caking, free flowing powder.
- These properties are beneficial in many applications including Dry Feed, Concentrates, Salt Licks and Pellets.
- These grades are also available in aqueous (**dispersion**) formats where liquid application is required.
- Other Metallic Stearates, including Al, Ba, Fe, K, Mg, Mn, Na and Zn are also available.

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Our commitment to sustainability.



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SHIPPING, STORAGE & HANDLING

Packaging – Standard packaging is 50 lb bags and 1800 lb pallets. Bulk bags and other packaging available depending on order quantities and inventory status.

Shelf Life – 36 months when stored indoors in a dry environment at ambient temperatures. Products > 36 months old may be useable; contact Blachford for a specific recommendation

Harmonized Tariff Code – 2915.70.0150

REGULATORY

FSMA – Meets Food Safety Modernization Act requirements for use in US Animal Feed market.

SF/SF – Safe Feed Safe Food Certified

Chemical Inventories – Listed on DSL (Canada), TSCA (USA), EINECS (EU)

and other commonly referenced inventories; contact Blachford for specific confirmations.

Conflict Minerals – Does not intentionally contain gold, tantalum, tin, tungsten or their derivatives

Proposition 65 – Contains no substances known by the State of California to cause cancer or reproductive toxicity

40 CFR 261: RCRA – Does not meet the definition of a 'hazardous waste'

Superfund Chemical Excise Tax – Exempt, contains no listed taxable substances

RoHS/CONEG Heavy Metals – No intentionally introduced Pb, Cd, Hg, Cr, PBBs, PBDEs or Phthalates

FDA – Listed under various FDA CFR 21 sections. The final responsibility for FDA compliance is by the user.

NSF – Listed under NSF/ANSI 14 and NSF/ANSI 61 (L-155 only)



ABOUT BLACHFORD

H.L. Blachford Ltd was founded in Montreal in 1921 by Henry Lloyd Blachford and started making stearates in 1926. Operations have grown to include manufacturing sites in the USA, Canada and the UK. Blachford manufactures fatty acid based products for a variety of industries including rubber, tire, powdered metal, plastics, PVC, food, grease, wire drawing and metal working. Blachford is also a leading manufacturer of noise and vibration control technology, heavy duty rubber mats and headliners for the transportation and agricultural equipment industries.

RESPONSIBLE CARE® - OUR COMMITMENT TO SUSTAINABILITY – www.responsiblecare.org

Responsible Care® is the global chemistry industry's commitment to sustainability. As a founding and current member of the Responsible Care® initiative, Blachford has dedicated itself, its technology and its business practices to sustainability – the betterment of society, the environment and the economy. Blachford follows the Responsible Care® ethic and principles to innovate for safer and more environmentally friendly products and processes, and to work to eliminate harm throughout the entire life cycle of the products.

DISCLAIMER

The purpose of this document is to provide general information and advice. All statements, formulations and recommendations are offered in good faith but without guarantee. Users of Blachford products are themselves responsible for compliance with any legal provisions including those relating to patent laws and accident prevention. **CALFORD®** is a registered trademark of H.L. Blachford Ltd.

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