

PRODUCT DATA SHEET

CALCIUM STEARATE | L-155 | L-155V | 325 | 325V ANIMAL FEED

CASRN 68424-16-8
1592-23-0

DESCRIPTION

CALCIUM STEARATE L-155, L-155V, 325 and 325V grades are calcium stearate products from a fusion reaction (calcium hydroxide and fatty acid), suitable for use in Animal Feed applications and are SFSF and FSMA compliant.

L-155V and **325V** grades are manufactured using vegetable derived stearic acid. **L-155** and **325**, are manufactured using tallow derived stearic acid. The **325** products are ground to a finer particle size than **L-155**.

KEY FEATURES & BENEFITS

- Suitable for use in Animal Feed and Agriculture applications
- **SFSF (Safe Feed Safe Food) Certified**, meeting **Food Safety Modernization Act (FSMA)** requirements, incorporating **HACCP** and **GMP** practices (pending 2021).
- Available in **Vegetable** (L-155V, 325V) and **Tallow** (L-155, 325).
- All Blachford Calcium Stearate products do not contain any GMO (genetically modified organisms), pose no risk for BSE (bovine spongiform encephalopathy) and are free of chick-edema factor.
- **Manufactured in North America.**
- Truckload, pallet and less than pallet service throughout North America.
- Aqueous Dispersions are available.

TYPICAL PROPERTIES

Property	Calcium Stearate L-155 / L-155V	Calcium Stearate 325 / 325V
Appearance	White powder	Fine White Powder
Moisture, % by wt.	2.5	2.8
Free Fatty Acid, % by wt.	0.3	0.4
Total Ash, % by wt.	10.5	10.6
Melting Point, °C (°F)	155 (311)	155 (311)
Particle Size, % <20 mesh	100	100
Particle Size, % <200 mesh	> 90	N/A
Particle Size, % <325 mesh	N/A	> 95
Stearic Acid Source	Tallow / Vegetable	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 Premix, Salt Licks and Pellets.
- These grades are available in aqueous (**dispersion**) formats where liquid application is required.
- Other Metallic Stearates, including Na, Mg and Zn are also available.

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Our commitment to sustainability.



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PRODUCT DATA SHEET**CALCIUM STEARATE | L-155 | L-155V | 325 | 325V****ANIMAL FEED****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 (pending 2021).

SFSF – Safe Feed Safe Food Certification, pending 2021.

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'

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 has grown its operations to include manufacturing sites in the USA, Canada and the UK. Blachford manufactures stearate based products for a variety of industries including rubber, tire, powdered metal, plastics, PVC, food, 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.

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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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