

PRODUCT DATA SHEET

Calford® CD 50-S | CD 50-SV 50% Calcium Stearate Dispersions for Animal Feed

DESCRIPTION

CALFORD® CD 50-S and **CD 50-SV** are both 50% solids, aqueous dispersions of calcium stearate powder, manufactured using an in-situ process, suitable for use in Animal Feed applications and are SFSF and FSMA compliant (pending 2021). **CD 50-SV** and **CD 50-S** are both **APE/NPE Free** (alkyl phenol ethoxylate / nonylphenol ethoxylate) and are low viscosity, free-flowing liquids with small (3-5 microns) particle sizes and narrow particle size distribution. **CD 50-SV** is manufactured using vegetable derived stearic acid, **CD 50-S** is manufactured using tallow derived stearic acid

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** (Calford CD 50-SV) and **Tallow** (Calford CD 50-S).
- CALFORD® 50-S is APE/NPE Free, Non-GMO (genetically modified organisms), no risk for BSE (bovine spongiform encephalopathy) and free of chick-edema factor
- Low viscosity for easy handling, pumping or pouring
- Available in pails, kegs, drums, IBC (intermediate bulk container) and bulk tank trucks
- Custom versions (solids, surfactant, particle size, etc.) available
- **Manufactured in North America**

TYPICAL PROPERTIES

CALFORD® CD 50-SV & CD 50-S

Appearance	White, Free Flowing Liquid
Solids, % by wt.	50%
Viscosity cPs	300
pH, 10% Dispersion	10.3
Particle Size d50, µm	4
<44 µm (325 mesh), %	99.5
Stearic Acid Source	Vegetable or Tallow
APE / NPE Free	Yes

APPLICATION

- Blachford Calcium Stearate dispersions and powders are used for **anti-caking**, **waterproofing** and **binding** properties in animal feed and agriculture applications, including Salt Licks, Pellets and Premix.
- CALFORD® CD 50-S is a stable liquid that is easily used in pumping operations.
- Dispersed calcium stearate is preferred to the powdered product in automated operations where it offers ease of handling and automatic metering.
- Powder grades of Calcium Stearate are also available.



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SHIPPING, STORAGE & HANDLING

Packaging – Standard packaging is 450 lb fiber keg, 2100 lb IBC and bulk. Other packaging may be available depending on order quantities and inventory status.

Shelf Life - 6 months when stored indoors at ambient temperatures (50° - 85° F / 10° - 30° C). Products > 6 months old may be useable; contact Blachford for a specific recommendation.

Shipping – non-hazardous, protect from freezing

Harmonized Tariff Code – 3404.99

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 – Does not contain 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– Does not intentionally introduce lead, cadmium, mercury, chromium, PBBs, PBDEs or phthalates

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.

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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