

Food Grade Calcium Sulfate

Calcium Sulfate for use in Food and Beverage Industries

Product Description

Food Grade Calcium Sulfate is an ultra-fine grind, gypsum high purity product, obtained from a naturally occurring mineral deposit. The product is milled to 10% retention on 325 mesh.

This product is used as, but not limited to, a food additive and a food processing aid in food and beverage industries. Can also be used as an anticaking agent, dough conditioner / strengthener, flour treatment agent, pH regulator and thickener in propriety formulations. It can be used as an additive or filler in proprietary formulations.

Alternative applications are as construction and agriculture materials.

Product Certifications

- FDA registered.
- SQF certified.
- Kosher, Halal and Vegan certified.

Product Benefits

- Ultra-Fine grind
- Very high purity Calcium Sulfate
- Inert chemical structure
- Easy and safe to use in all approved Food additive applications.

Instruction for Use

This product is manufactured from a naturally occurring mineral and therefore slight variations in color and non-calcium sulfate content are to be expected. The product application will vary depending on use.

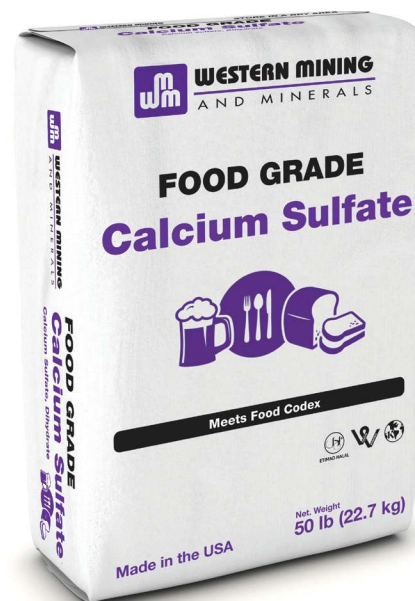
Disclosure Statement

The Product is not processed to control microbial pathogens, including Salmonella.

The grinding and packaging of this product does not include a validated kill step for microbial pathogens. Since Western Mining and Minerals Inc. does not process this product to control microbial pathogens, the end user of this product should ensure that they will minimize or prevent this hazard in connection with their further processing and manufacturing of this product into food products that they produce.

Physical Hazards

- HACCP critical control points - Non-Metallic: 40 mesh screen after grinding.
- Metallic: Tunnel metal detection - calibrated to 0.09 inch Fe, 0.11 inch Stainless steel.



TECHNICAL DATA

Chemical Name	Calcium Sulfate Dihydrate
Chemical Composition	$\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
Color	White to Bright White
Apparent Bulk Density lb/ft ³	42
Calcium Sulfate (CaSO_4) Minimum Content	98 %
Loss on Drying	19 - 23 %
Testing Method	FCC11 Standard

Particle Sizing (% Passing)

USBS #325 mesh screen	90 %
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The technical data outlined represents typical figures only. For further details, please contact Western Mining and Minerals, Inc. directly.

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Instruction for Use *continued*

Application Performance

Since the conditions under which Food Grade Calcium Sulfate is used are varied and beyond Western Mining and Minerals, Inc.'s control, performance is not guaranteed for any particular application.

Packaging and Shelf Life

- 50 lb bags: 1 year shelf life
- 2000 lb super sack /totes: 1 year shelf life
- 3500 lb super sack/totes: 1 year shelf life
- 27 short ton pneumatic bulk: 1 month shelf life

Storage

Not recommended to store Food Grade Calcium Sulfate outdoors or where subjected to weathering or dampness. Absorption of moisture can result in changes to physical properties, including lumps and concretions.

To help protect the product during use, open or partially used bags should be carefully folded and closed. Stocks should be rotated so that the oldest material is used first.

When stored under dry conditions and in its original packaging, the product will have a specified shelf life that commences from the date of production. It is best that an inventory is kept upon receiving.

Environment, Health and Safety

Safety Data Sheets and certifications for Western Mining and Minerals, Inc. Food Grade Calcium Sulfate products are available and may be obtained by contacting the Customer Services directly at Phone number: 888-449-7786 or Email: CTMining@saint-gobain.com. No liability is accepted by Western Mining and Minerals, Inc. for injury to any person or loss or damage to property by improper use of the product.

Notification

This product can be used for many different purposes. Please consult with Western Mining and Minerals if you have any questions or concerns about the application of this material.

Contact

Western Mining and Minerals, Inc.

E-mail: CTMining@saint-gobain.com

WMMI Order Center Tel #: (888) 449-7786

WMMI Order Center Fax #: (888) 449-4329

For more information, please visit our website
www.westernminingandminerals.com



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