

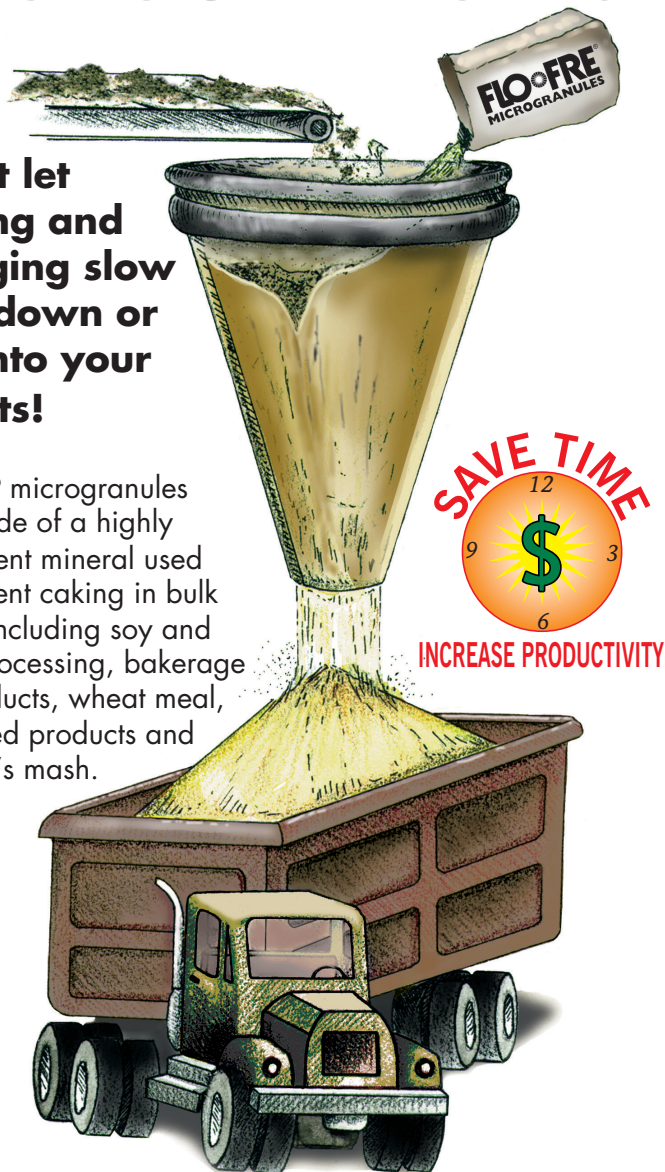
FLO-FRE[®] MICROGRANULES

Keep Your Process and Profits Flowing Freely

Flo-Fre microgranules absorb excess moisture and oil, then lock them away in micropores where they no longer cause problems such as caking. These tiny micropores give Flo-Fre its unique absorptive characteristics.

Don't let caking and bridging slow you down or cut into your profits!

Flo-Fre[®] microgranules are made of a highly absorbent mineral used to prevent caking in bulk solids including soy and corn processing, bagerage by-products, wheat meal, rendered products and distiller's mash.



Flo-Fre Benefits

Blending Flo-Fre microgranules into your bulk solids, helps you:

- Manage your plant without worrying about process slow downs
- Save money by reducing time spent cleaning silos, conveyors and augers

Your process and your customers will benefit. Flo-Fre absorbent microgranules are the low cost solution for bulk handling problems.

Product Specifications and Regulatory Approvals

- Flo-Fre is a free flowing granular bentonite clay which has GRAS (Generally Recognized As Safe) status (21 CFR § 582.1). It is also approved by AAFCO for use in animal feeds (American Association of Feed Control Officials – Official Publication Section 87.5).
- Flo-Fre absorbent microgranules are available in 50lb. bags, bulk bags and bulk pneumatic truckload shipments depending on locations. They can be shipped from one of Oil-Dri's five manufacturing facilities in Georgia, Mississippi or California for timely and cost effective delivery.
- Flo-Fre microgranules are also available in different colors to work with your unique products.

Typical Analysis*

*This is a typical analysis. Individual analysis may vary.

Shipping Location	Ochlocknee, GA	Ripley, MS	Taft, CA
	Micro Granules	Micro Granules	Micro Granules
Mineral	Attapulgite Type	Bentonite (Montmorillonite Type)	Silica Hydrated (Amorphous Opaline Silica)
Color	Off-White	Tan	Tan
Density (lb./cu. ft.)	36.0	38.5	38.0
Average Pore Volume (ml/g)	0.28	0.25	0.37
Free Water (%)	4.3	8.5	1.0
Water Absorptivity (% by weight)	100	100	90
Sieve Analysis (%)	60/200	60/200	50/200
Shipping Capabilities	Bulk, Bulk Bags, 50 lb. Bags	Bulk, Bulk Bags, 50 lb. Bags	Bulk, Bulk Bags

Inclusion Rates

Inclusion rates required to improve flowability of a bulk solid vary according to original moisture and fluid content of material, the ambient temperature, relative humidity, and the desired consistency of the finished product. These variables often combine to make finding the right inclusion rate of Flo-Fre granules as much an art as a science. Typical inclusion rates range from 0.5% to 2.0% by weight. Equally as important as the rate of inclusion is the uniform distribution of Flo-Fre microgranules within the solid.

For more information on improving your process & profits, contact your Oil-Dri sales representative.