

## AmorCal™ 400FG

*Highly Overbased Amorphous Calcium Sulfonate with NSF Approval*

AmorCal™ 400FG is highly overbased, oil soluble Calcium Sulfonate designed for use in combination with other chemicals for lubricating oils and grease additives. It has received NSF Certification as a Nonfood Compound, category HX-1 (ingredients for use in H1/incidental contact). It has good compatibility with a wide variety of petroleum-based fluids and exhibits good corrosion inhibition properties. AmorCal™ 400FG lends itself well to gelling processes and is an excellent choice for making Calcium Sulfonate Greases or gelled coatings. AmorCal™ 400FG imparts good rust and corrosion inhibiting properties due to its high molecular weight and strong polarity.

### TECHNICAL PROPERTIES *(not specifications):*

<u>PROPERTY</u>	<u>ASTM</u>	<u>TYPICAL</u>
Active Content, Wt. %	D3673	20
Calcium, Wt. %	D4951	15
TBN (mg KOH/g)	D2896	400
Viscosity @ 100 °C (cSt)	D445	75
Lbs/Gal @ 60°F	D129	10.0
Color, Dilute	D1500	4

### AVAILABILITY

AmorCal™ 400FG is available in bulk or drums.

### SAFETY, HANDLING AND STORAGE

AmorCal™ 400FG should be stored away from heat, flame and sources of ignition. Prolonged breathing of vapors should be avoided. Consult MSDS for further precautions and handling advice.

“This product is acceptable as an ingredient for use in lubricants with incidental food contact (HX-1) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure of the lubricated part to food. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an anti-rust film, the compound must be removed from the equipment surface by washing or wiping, as required to leave the surface effectively free of any substance which could be transferred to food being processed.

Limitations: This ingredient is to be used in accordance with good manufacturing practices; it is not to exceed the minimum amount required to achieve the desired technical effect.” --NSF

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