

Gel-Sta™ Gel Stabilizer

Gel-Sta™ high-temperature, powdered gel stabilizer is used in fracturing fluids, such as Pur-Gel III™, Hybor™, and Thermagel™ fracturing fluids.

Applications

At temperatures above 200°F (93°C), Gel-Sta gel stabilizer increases the temperature stability of gelled fracturing fluids, resulting in a long-lasting, high-viscosity fluid at temperature. Typical Gel-Sta gel stabilizer concentrations are 5 to 30 lb stabilizer/1,000 gal of fracturing fluid.

Compatibility

Gel-Sta gel stabilizer is not effective in the presence of carbon dioxide (CO₂).

Benefits

Gel-Sta gel stabilizer can provide the following benefits:

- It helps prevent gel degradation.
- It has a shelf-life of up to 60 months.
- The Environmental Protection Agency (EPA) does not classify Gel-Sta gel stabilizer as a hazardous waste.

Gel-Sta™ Gel Stabilizer—Product Specifications

Part No. (50-lb sack)	100012769	Bulk Density	27 lb/ft³
Form	Solid, white powder	pH	8.6 (7.5% solution)
Specific Gravity	1.690		

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