

PROBUFF 270

■ Buffering Agent

> PRODUCT DESCRIPTION

ProBuff 270 is a buffering agent that is highly alkaline and designed to raise the pH of fracturing fluid systems. A specific pH range of 9 to 13 can be easily attained and held using ProBuff 270.

> PACKAGING

ProBuff 270 is available in bulk transport. Other packaging may be available upon request.

> RECOMMENDED APPLICATION

ProBuff 270 application rates can range from 0.1 to 1.0 gal/M base fluid. Typical concentrations are 0.5 to 3.0 gals/M. The water conditions and the desired guar hydration properties in the water source are the factors that will determine the appropriate concentrations of ProBuff 270 to use.

ProBuff 270 is compatible with most stimulation fluid additives such as most cationic, anionic, and non-ionic surfactants, breakers, foamers and crosslinkers.

Typical Physical Properties

Flash Point (°F/°C)	> 200 / > 93.3
Freeze Point (°F/°C)	Not Available
Charge	Inorganic
Specific Gravity	1.25 - 1.30
Solubility	Water

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