

## Acidic pH buffer SL-PH02

### ○ Product Description

SL-PH02 is an acidic pH buffer, can be used to adjust the pH range and crosslinking time required for fracturing fluid crosslinking to ensure the stability and effectiveness of fracturing fluids.

### ○ Technical & Engineering Information

Zirconium crosslinker crosslinks in an acidic environment. SL-PH02 can adjust the pH of the fracturing fluid to the required range, control the crosslinking time, and optimize the physical and chemical properties of the fracturing fluid. Adjusting the pH of the fracturing fluid within a reasonable range can improve the crosslinking effect and improve the temperature resistance and shear resistance of the fracturing fluid.

SL-PH02 is compatible with most additives used in fracturing fluid systems.

### ○ Technical Indicators

Technical Indicators of SL-PH02

Item	Indicator
Appearance	Transparent Liquid
Colour	colorless
Odor	Pungent smell
PH	<3
Density (20°C)	1.0-1.1 g/cm <sup>3</sup>
Solubility	Soluble in water
Harm	Acid corrosion

### ○ Recommended Treatment

SL-PH02 is added to the gel prior to adding the crosslinker solution to provide the desired delay time for crosslinking. SL-PH02 is added as a side stream to allow optimization of delay time without changing fundamental fluid stability and performance.

### ○ Packing and Storage

SL-PH02 is supplied in 53gallon(200L) high density polyethylene (HDPE) drums or 265gallon(1000L) IBC. Keep it away from extreme conditions such as places near flames or direct sunlight. Shelf life is 2 years.

<http://www.stimulationchem.com/>

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