



PRODUCT DATA SHEET

ECOPOL-CL17

Zirconium Based Gel Activator

GENERAL INFORMATION:

ECOPOL-CL17 is a highly efficient and cost-effective zirconium based gel activator for fracturing fluids, particularly those based on CMHPG, but also effective for guar and HPG based fluids. It is effective at temperatures up to 400°F and at a pH range of 4-11.

PHYSICAL PROPERTIES:

pH = 4.5-6.5	Appearance = Colorless to yellow liquid
Solubility in water = Soluble	Flash point = >200°F
Odor = Mild	Freeze point = 12°F
Specific Gravity = 1.2	

CHEMICAL DESCRIPTION:

ECOPOL-CL17 is an aqueous zirconium oxychloride based gel activator.

RECOMMENDED USES:

ECOPOL-CL17 can be used for a wide variety to fluid systems and a broad range of temperatures. **ECOPOL-CL17** is fully compatible to all common breaker systems

TREATING APPLICATIONS:

ECOPOL-CL17 is typically added on the fly, at loading of about 0.5-1.0 Gallons/1000 Gallons of fracturing fluid at pH of 4.0-11.0. Typical gel loadings range from 20-50 lbs/1000 Gallons. A pH of about 4.0-11.0 can be achieved by Econo Buffer-L or Econo Buffer-H. **ECOPOL-CL17** will crosslink instantly at a pH above 9.0, but will have a delay below a pH of 9.0. Pilot testing is strongly recommended.

ECOPOL-CL17 is available in 55 Gallon drums and 264 and 317 Gallon poly totes

DOT INFORMATION: Not Regulated for Transport

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