PRODUCT DATA SHEET

Ecopol-EC200
INSTANT GEL ACTIVATOR

GENERAL INFORMATION:
ECOPOL-EC200 is a self-buffering, highly efficient and cost effective borate-based crosslinker for fracturing fluids based on guar or HPG. It requires no pH control additives and thus makes it an economical and easy to use product for any application where an instant gel activator is desired.

PHYSICAL PROPERTIES:
Specific Gravity = 1.335
pH = 12.5-14.0
Solubility in water = Soluble
Solubility in diesel = Insoluble
Odor = None
Freeze point = <-25°F

CHEMICAL DESCRIPTION:
ECOPOL-EC200 contains a borate based crosslinker along with pH control agents in a primarily aqueous base. The product is strongly alkaline and contact with skin or aluminum should be avoided. ECOPOL-EC200 contains no carbonates which can cause precipitation of solids in high-calcium waters.

RECOMMENDED USES AND LIMITATIONS:
ECOPOL-EC200 is recommended as a fracturing fluid activator and buffering agent for applications below 250°F fluid temperatures. Significant losses of activation stability are normally seen above that temperature. In freshwater, use of ECOPOL-EC200 may give pH above optimum values and thus result in “brittle” gels which reheal poorly and could give high friction pressures. Pretreatment of these waters with small amounts of sodium bicarbonate will normally avoid this problem. ECOPOL-EC200 should be kept above the freeze point. Below 5°F, a layer of crystals may begin to form at the bottom of the container. The crystals will not go back into solution, even upon warming.

TREATING APPLICATIONS:
Normal loadings of ECOPOL-EC200 range from 0.5-2.0 gal/Mgal for an 8 to 20 lbs/Mgal guar base gel. As with any fracturing fluid, on-site testing is suggested to optimize fluid properties. Fluids treated with ECOPOL-EC200 can be broken with a variety of breakers such as Econo-PS1 or EconoCap-HT provided by Economy Polymers & Chemicals.

ECOPOL-EC200 is available in 55 Gallon poly drums, 264 & 317 gallon poly totes and bulk storage.

DOT INFORMATION: UN 1760, Corrosive Liquid, n.o.s. (Contains Potassium Hydroxide), 8, PG III

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