



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	Appearance = Clear Liquid
Solubility in water = Soluble	Solubility in diesel = Insoluble	Flash point = >200°F
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 reheel 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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P.O. Box 450246
Houston, TX 77245-0246
USA Toll free: (800) 231-2066
Phone: (713) 723-8416
Fax: (713) 723-1845
URL: www.EconomyPolymers.com
E-mail: economy@economypolymers.com