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PRODUCT DATA SHEET

AUSFRACLINK-Z 100

Instant Gel Crosslinker

DESCRIPTION

AUSFRACLINK-Z 100 is an aqueous zirconium oxychloride-based crosslinker in an alcohol solution that is highly efficient and cost effective for fracturing fluids based on guar and derivitized guar. It works in a pH range of 4.0 – 11.0 and temperatures up to 400°F (204°C), thus making it useful for a broad range of applications.

USAGE

AUSFRACLINK-Z 100 can be used for a wide variety of fluid systems and a broad range of temperatures. AUSFRACLINK-Z 100 is also fully compatible with all common breaker systems.

APPLICATION

AUSFRACLINK-Z 100 is typically added on the fly, at recommended dosage levels ranging from 0.5 – 1.0 gal. (1.89 - 3.785lt) per 1000 gal. (3875lt) of base fluid, and at pH levels ranging from 4.0 – 11.0, with gel loading ranging from 20 – 50 ppt or higher. pH levels ranging from 4.0 – 11.0 can be achieved by using either AUSFRACBUFF 200 or AUSFRACBUFF 100, respectively. AUSFRACLINK-Z 100 will activate instantly at any pH at or above 9.0 and will have a delay at any pH below 9.0. AUSFRACLINK-Z 100 has no known incompatibilities with any additives normally used in fracturing fluids. Testing is strongly recommended before use of this product to obtain optimum results.

PROPERTIES

COLOR	Colorless to yellow liquid
DENSITY (LBS./GAL.)	10.01
PH RANGE	4.5 – 6.5
ODOR	Mild
SPECIFIC GRAVITY	1.20
SOLUBILITY	Water soluble
FLASH POINT	> 200°F (93°C)

All testing should be conducted once product has been approved for use.

PACKAGING

200lt & 1000lt poly totes and bulk storage.

Please read and understand the Material Safety Data Sheet (MSDS) before using this product.