



KlearWell 300 MudPurge

DISPERSANT POLYMER

Description

- KlearWell 300 MudPurge dispersant polymer is unparalleled as an excellent dispersant chemical designed to breakdown and remove drilling muds and clay from the well environment more effectively than any other product.
- KlearWell 300 MudPurge successfully develops new wells without using phosphate.
- KlearWell 300 MudPurge leaves no food source for bacteria and is readily flushed from well.
- KlearWell 300 MudPurge successfully rehabilitates old wells plugged with clays, silts and fines.
- KlearWell 300 MudPurge is NSF Standard 60 Certified and approved for potable water well use.

Application

In older well systems use KlearWell 300 MudPurge dispersant to remove fine sands, mud and clays that have filled in the gravel pack and borehole. After an initial 12 hour chlorine shock dose of 1500mg/L of chlorine and complete well evacuation to return chlorine to 5 mg/L or less, use at a rate of 1 gal per 300 gal of water. (Neutralize chlorine on the surface with KlearWell 486 ChlorStop). Add KlearWell 300 MudPurge and agitate by vigorous mechanical means, and let the solution stand in the well overnight, and repeat the agitation the next day, before pump-out.

In new well systems use KlearWell 300 MudPurge dispersant in place of phosphates for drilling mud breakdown and well development. It is important to separately pre-treat the well with 1,500 ppm chlorine for a minimum of 12 hours to break the chemical bonds between the polymer chains in the drilling fluids. This provides optimal removal of bentonite drilling fluids that are included in most commercial bentonite products. Remove all chlorinated water to 5 mg/L or less and neutralize with KlearWell 486 ChlorStop.

Determine borehole volume, and apply KlearWell 300 MudPurge dispersant at the rate of 1 gal per 500 gal of water. Use vigorous mechanical action to agitate the well column for several hours (approximately 1/2 hr per 20 ft of intake). Leave in the well overnight and strongly agitate before pump-out.

Physical Properties, Shipping & Handling

Appearance	Clear, yellowish liquid
pH	7.0
Density	10.6 lbs/gal
Freeze point	26°F (-3.3°C)
Solubility	100%

- Not regulated as a hazardous material under OSHA 29CFR 1910.1200. All components are listed under TSCA.49CFR 172.101, RECR, SARA and CERCLA; however, in storage or use, avoid contact with strong acids or alkaline-based products.
- 1 gallon and 5 gallon container can be shipped by UPS ground delivery.
- Additional physical and handling data are available in the product MSDS.
- KlearWell 300 MudPurge dispersant is available in 1, 5, 30, and 55 gallon containers.