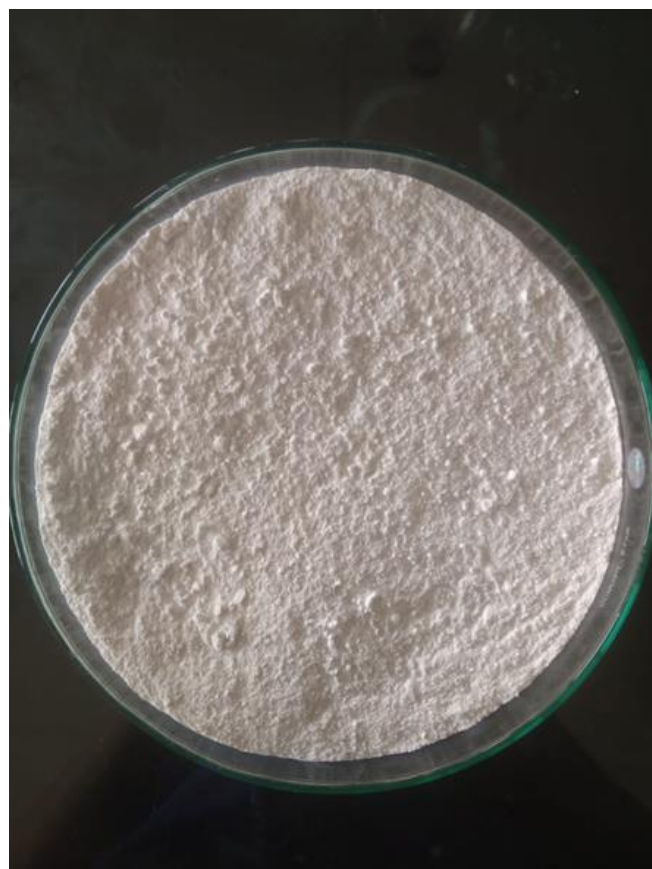


Description

The rheological properties of Mixed Metal Oxide/Hydroxide Systems have long been considered a solution to highly challenging drilling environments prone to lost circulation, unconsolidated formations, high angle drilling, extended reach wells etc. **MetalPlex** is our proprietary Single Sack, High Performance Mixed Metal Complex (MMH–MMO) additive for Water Based Drilling Systems. It is a highly economical system in hard rock as well as unconsolidated formations. The additive has been specially engineered to be tolerant of anionic additives and contaminants. It has high shear thinning, temperature stability upto 165°C, low plastic viscosity and high static gel strengths. The low Calcium content improves Gelation values to increase compatibility with Carbonate formations and restricts progressive Gelation.



Specifications

Physical properties	: Free flowing powder, free of visible impurities
Colour	: Off White
Moisture content at 105±2°C, % by mass	: 10% maximum
pH of 5% (w/v) suspension in deionized/distilled water	: 8.5±0.2
Density in gm/cc	: 2.2±0.2
Calcium content (ppm)	: 6500 maximum
Total metal content in %w/w (Al & Mg)	: 65.0 minimum

Packaging:

25Kg Multiwall Sacks.

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