



TECHNICAL
INFORMATION
SHEET

BIOCIDE – BIO-CLEAR 1000

Bio-Clear 1000 rapidly and effectively kills microorganisms encountered in oil field operation, including sulfate reducing and algal slime forming bacteria. It is 100% active, dry brominated propionamide, commonly described as DBNPA. It is packaged in special water-soluble bags that will quickly dissolve even in cold water. The water-soluble bags are an effective and safe way to handle DBNPA. Bio-Clear works in the presence of hydrocarbons. It starts to kill instantly, and normally DBNPA will decontaminate a system within one hour. DBNPA has a very short life in the environment; therefore it is considered one of the safest biocides available.

Bio-Clear is an excellent choice for:

- Drilling, Completion, Workover Fluids
- Fracturing Fluids
- Packer Fluids
- Treatment of Produced Water Prior to Re-injection
- Shock Treatments for Water Flood Injection Water

Bio-Clear is normally used in concentrations of 0.2 to 1.9 lbs per 100 bbls. Use 2 bags per 300 bbl frac tanks and 3 bags for 500 bbl frac tank. For best results, add Bio-Clear to tanks prior to filling.