

SAFE-FLOC I

Filtration: Filtration Equipment/Filtration/Reclamation Chemistry

Advantages

- Can be separated from the carrier fluid by gravity separation, minimizing environmental impact
- Significantly reduces filtration and displacement time, saving rig costs
- Water dispersible

SAFE-FLOC* I flocculant and filtration aid is a blend of ionic and nonionic surfactants, flocculants and high flash-point solvents designed to flocculate and suspend insoluble iron solids. These iron solids normally come from fluid reaction with the mill scale left on the drill pipe, casing or, other tubular products in the wellbore. The solids are made oil-wet, emulsified and carried away from the surfaces of the steel pipe. This mechanism ensures that the solids remain in suspension and are carried out of the wellbore or float to the surface of a tank. The water or brine below the surface is decontaminated allowing faster filtration rates and longer filtration cycles.

Applications

SAFE-FLOC I flocculant and filtration aid is designed specifically for use in oil and gas wells for clean-up prior to the start of production and as a filtration aid. Applied as a spacer, it is used as a solution in fresh or seawater in solutions between 1 and 3% by volume. Higher concentrations may be used where higher levels of iron exist in the wellbore. It can also be used in the reclamation process of heavy brine systems.

No claim of personal safety is intended nor implied by the use of the name SAFE in this product. Personnel handling this material should read and follow all safety and handling procedures set forth in the Material Safety Data Sheet.