

StimOil® FBA M Complex Nanofluid/Micro Emulsion Non-Emulsifier

(Environmentally Improved)

Description

StimOil® FBA M is a patent protected, biodegradable and thermodynamically stable, non-emulsifying complex nanofluid/micro emulsion blend designed to be used specifically in oil well remediation in limestone or sandstone formations. **StimOil® FBA M** offers excellent performance in reducing water-oil emulsions, giving very clean break at the interface between oil and water.

StimOil® FBA M can be used as a broad-spectrum demulsifier and has been tested with a wide range of crude oils showing excellent performance in both acidizing and fracturing fluid systems. **StimOil® FBA M** was developed to contain environmentally conscious material and does not contain materials like nonyl-phenol ethoxylates or EGMBE.

StimOil® FBA M has shown excellent performance for surface tension reduction and non-emulsification, but also provides improved regained permeability.

Properties

Form: Liquid	Chemical Family: Organic
Color: Light Yellow	Wt. per Gal: 7.97 lbs/gal
Odor: Citrus	Solubility: Water, acid, brine and oil
Charge: Nonionic/Cationic	Flash Point: 82°F (27.8°C)
Pour Point: <-20°F (<-28.9°C)	

Application

Primary function in Production Enhancement and Rework Fluids: To prevent emulsions with the treatment fluids and muds used in stimulation treatments and rework of oil and gas wells. StimOil® FBA M can be added at concentrations of 0.05 to 0.2% and up to 0.5% concentrations. Typical stimulation treatments will use $\pm 0.2-0.3\%$, but this is dependent on the well fluids and produced oil. Demulsification tests are recommended prior to inclusion of the **StimOil® FBA M** in any treatment regimen; this will determine the appropriate concentration to provide the optimum results. The product can be premixed in water and metered into the treatment for on-the-fly application.

Secondary uses: StimOil® FBA M can be used in Drilling applications as a filter cake mud clean up additive, minimizing cleanup of drilling fluids and stimulation fluids.

Compatibility

StimOil® FBA M is compatible with nonionic and cationic additives and many other production, stimulation or remediation chemicals. Compatibility testing is advised.

Handling/Storage

Avoid contact with eyes, skin and clothing. Wear rubber gloves and splash goggles. Keep container closed when not in use. Store drums with the bung up. Refer to Material Safety Data Sheet (MSDS) for handling and hazard data.

Packaging

StimOil® FBA M is available in 55 gallon drums and 330 gallon totes.