

RIGFOAM-3

Foamer



Product Data Sheet

RIGFOAM-3 is a liquid concentrated anionic surface active agent designed to exhibit good foaming properties in low density brines such as 10 lb. brine and in formation waters containing crude oil or distillate.

RIGFOAM-3 Physical Properties

Appearance	Amber, Clear Liquid
Odor	Butyl
Specific Gravity @ 60°F	1.017 g/ml
Density (lbs /gallon)	8.47
Flash Point	>200°F
pH	8 - 9

Applications

RIGFOAM-3 benefits wells exhibiting some amount of gas release. A completely dead well should not be treated with RIGFOAM-3.

Advantages

RIGFOAM-3 may be used in coil tubing operations to remove sand or other solids which have created a flow restriction or plugging. RIGFOAM-3 is an excellent choice for gravel pack removal. Extensive field tests have proven that RIGFOAM-3 keeps the hole clean and free of cuttings while maintaining low standpipe pressure.

As a flow enhancer for low pressure wells, RIGFOAM-3 is used as a foaming agent to lighten the fluid column, thereby assisting in lifting and encouraging flow.

Environmental Data

When used as directed and tested according to the U.S. Environmental Protection Agency's Static Sheen Test, RIGFOAM-3 does not form or create a sheen on the surface of receiving waters.

Treatment

Typical concentrations of RIGFOAM-3 range from 0.1% to 0.5%, depending on the formation and injection fluid, injection rates, compressor equipment, etc. Usually 10 to 20 gallons of RIGFOAM-3 are batched down the tubing, followed by two barrels of produced water as a flush. Formation gas perking through the liquid generates foam throughout the column and assists many weak wells in overcoming hydrostatic pressure. For fresh water, KCL and NaCl brines. The typical concentration of RIGFOAM-3 is 2-6 gallons per 10 bbl fluid.

Handling

Improper handling of this chemical or any other chemical deemed as an "industrial chemical" can be injurious to workers. Observe all safety precautions shown and labeled in the Safety Data Sheet.