



PRODUCT DATA

EnerFrac™ 20-N

Non-Emulsifier

Description:

EnerFrac™ 20-N is a nonionic non-emulsifying agent for use in all types of well stimulation. It is a versatile surfactant blend that provides strong water-wetting properties and interfacial tension reduction. EnerFrac™ 20-N is compatible with a wide range of acidizing and fracturing fluids and has been formulated to function with acid inhibitors without adversely affecting inhibitor corrosion rate. EnerFrac™ 20-N works effectively in 15% to 28% Hydrochloric Acid.

Physical Properties:

Form: Liquid
Color: Light Yellow
Odor: Alcoholic
Charge: Nonionic

Chemical Family: Surfactant blend
Solubility: Water, acid, brines, and oil
Wt. per Gal: 8.06 lbs.
Flash Point: 81°F (27°C)

Application:

EnerFrac™ 20-N is used at a rate of 1 - 3 gal/Mgal in acids. Fracturing fluids require as little as ½ - 2.0 gal/Mgal. EnerFrac™ 20-N can be premixed or added on the fly.

Compatibility:

EnerFrac™ 20-N is compatible with nonionic, cationic, anionic, and amphoteric additives.

Handling and Storage:

EnerFrac™ 20-N is a flammable liquid. Store away from heat, sparks and open flame. Keep drum tightly sealed to prevent evaporation, contamination, and explosion hazards. Do not get in eyes, on skin, or clothing. Avoid breathing vapors in a confined area. Wear rubber gloves, apron and chemical splash goggles. Refer to Material Safety Data Sheet (MSDS) for handling and hazard data.

Packaging:

EnerFrac™ 20-N is available in 55 gallon drums, 330 gallon totes, or bulk transport.

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