



PRODUCT DATA

EnerFrac™ NS-36

Nonionic Surfactant

Description:

EnerFrac™ NS-36 is a very economical, yet excellent water wetting agent. It's nonionic character makes it an extremely versatile additive, finding a wide variety of applications. It is a unique mixture of a water soluble nonionic surfactant and a mutual solvent. As little as ½ gal/Mgal will cut the surface tension of water in half! EnerFrac™ NS-36 will also improve water injection rates and removes oil from solid surfaces. In some applications EnerFrac™ NS-36 has demonstrated beneficial non-emulsifying properties by itself. The detergency of EnerFrac™ NS-36 makes it a good cleaner for tools and equipment.

Physical Properties:

Form: Liquid	Chemical Family: Surfactant blend
Color: Clear, colorless	Solubility: Water, acid, brines
Odor: Alcoholic	Wt. per Gal: 8.21 lbs.
Charge: Nonionic	Flash Point: 116°F (47°C)

Application:

EnerFrac™ NS-36 can be used in any water based fluid where water wetting and the reduction of surface and interfacial tension are desired. Typical dosage of EnerFrac™ NS-36 range from ½ - 5 gal/Mgal of fluid.

Compatibility:

EnerFrac™ NS-36 is nonionic and compatible with cationic, anionic, amphoteric and other nonionic additives.

Handling and Storage:

EnerFrac™ NS-36 is a flammable liquid and should be stored away from heat, sparks and open flame. Keep container tightly sealed and vented to prevent evaporation, contamination, and explosion hazards. Use only with adequate ventilation. It can cause eye, skin and respiratory tract irritation by contact. Do not breathe vapors, especially in a confined area. Recommend use of chemical splash goggles and rubber gloves during handling. Refer to Material Safety Data Sheet (MSDS) for handling and hazard data.

Packaging:

EnerFrac™ NS-36 is shipped in 55 gallon poly drums or 330 gallon tote tanks.

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