PRODUCT DATA SHEET

TruSurf 64
Non-Emulsifier

DESCRIPTION
TruSurf 64 is a highly effective nonionic non-emulsifier that prevents emulsions in both acid and fracturing fluids. **TruSurf 64** contains surfactants which deliver superior break times normally within 60 seconds even in the presence of crude oils with a high probability for sludge build-up.

PRODUCT ADVANTAGES
TruSurf 64 is designed to have excellent compatibility with a variety of acidizing or fracturing compounds such as corrosion inhibitors, iron control agents, anti-sludge agents, gelling agents and crosslinkers. **TruSurf 64** is delivers superior wetting characteristics and a more efficient stimulation. **TruSurf 64** is designed to deliver a very low surface tension which aids in wettability and water recovery.

CHEMICAL & PHYSICAL PROPERTIES
Appearance: Pale Yellow Liquid
Specific Gravity: 0.83
Appearance/Odor: Alcohol
Ionic Charge: Non-Ionic
Pour Point: less than $-20^{o}F$

TYPICAL USAGE
TruSurf 64 is designed for use when cationic or anionic products may not be desirable, yet **TruSurf 64** will not have a detrimental effect if used with a cationic or an anionic. TruSurf 64 is designed to be formulated in hydrochloric acid or in a fracturing fluid at 0.5-2 gallons per 1000 gallons for non-emulsification purposes and offers a very cost effective and high quality alternative compared to other products.

TruSURF 64

SURFACE TENSION DATA @ 75°F

	0.5gpt	1.0gpt	2.0gpt	5.0gpt
Fresh Water	33dyn/cm	31dyn/cm	30dyn/cm	29dyn/cm
2% KCl Water	35dyn/cm	32dyn/cm	30dyn/cm	29dyn/cm

Please read and understand the Material Safety Data Sheet (MSDS) before using this product.