

# Surf N1

Non-emulsifier that is compatible in high salinity waters

Surf N1 is a non-ionic non-emulsifier that can be used in fresh water, brine, guar-based fluids, slickwater fluids or hybrid systems. It is effective in preventing emulsions between stimulation fluids and hydrocarbons. Surf N1 lowers surface and interfacial tension. It also increases the water wetting character of the formation, which helps during the recovery of the stimulation fluid during flowback. Surf N1 is compatible with all stimulation additives. The performance of Surf N1 is not impacted in the presence of high salinity waters. Typical loadings are 1.0 to 2.0 gpt. Laboratory testing should be conducted to determine the loading and ensure complete compatibility with fluid system.

Surf N1 should be stored in a cool, well ventilated environment, between 50°F and 90°F. Observe good hygiene practices. Avoid breathing mist or vapor. Do not eat, drink, or smoke when handling this product. Wash thoroughly after handling.



**The MajiFrac Solution**  
A less water intensive way to frac

## Technical Specification\*

Appearance	Clear colorless liquid
pH	5 - 7
Specific gravity	1.00 - 1.04
Freeze point, °F	25 - 30
Solubility	Miscible

\*all properties tested at 70°F

