

NuFlo SURF 91

Technical Data Sheet

Wetting Agent

STIMULATION ADDITIVE & CAKE REMOVAL AGENT

Description:

NUFLO SURF 91 is a Maximum strength eco-friendly formulation for complete removal of oil base and synthetic oil base mud fluid cake and wellbore stimulation aid. An innovative, environmentally friendly, concentrated downhole cleaning agent. NuFlo Surf 91 is a fast, effective, non-toxic and non-corrosive solvent especially designed for use in horizontal and vertical wellbore stimulation and cleanup. Safely cleans all surface tanks, lines and manifolds. NuFlo Surf 91 contains several demulsifying agents and silt suspending agents especially formulated to quickly remove all wall-cake in a single pass application

Application:

NUFLO SURF 91 is especially formulated to penetrate, dissolve and remove oil base and synthetic oil base drilling fluid wall cake, whole mud and filtrate formation losses.

Recommended Treatment:

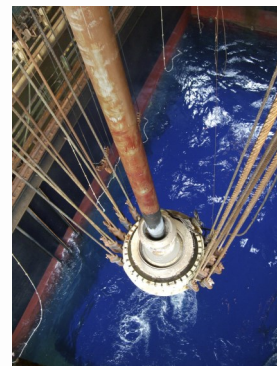
NUFLO SURF 91 For the highest level of critical cleaning only neat solutions should be used to avoid any potential for cross contamination and solvent saturation.

Availability: 5-gallon, 55-gallon containers and 275-gallon tote-bins and bulk tankers.

Shipment: Non-regulated material, Per ADR, DOT, IATA, IMDG.

Storage: Keep out of direct sunlight. Keep from freezing. Store between 40-120°F.

Disposal: Dispose of in accordance with local, state, and federal regulations.



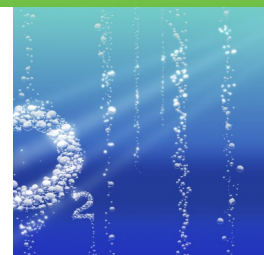
See MSDS for additional information

Stimulation Additive & Cake Removal Agent

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Typical Usage Parameters:

| NuFlo SURF 91 | |
|---------------|---------------------------------------|
| Description | Silicone defoamer |
| Usage | Drilling muds, Frac Fluids, Pipelines |

Physical Properties:

| NuFlo SURF 91 | |
|-------------------------------------|---------------------------------|
| BULK DENSITY | 7.1 #/gal |
| SPECIFIC GRAVITY @ 20°C | 0.85 (Water=1) |
| SOLUBILITY IN OIL & WATER | Soluble in both |
| VAPOR DENSITY (Air=1) | No Data |
| ODOR | Mild |
| % VOLATILES BY VOLUME @ 21°C (70°F) | 0% |
| EVAPORATION RATE (n-BuAc=1) | No Data |
| MELTING POINT | No Data |
| BOILING POINT | >212°F |
| pH | 6.5 |
| APPEARANCE and COLOR | Colorless to pale yellow Liquid |
| VAPOR PRESSURE, mm Hg | 2 mmHg |

NuFLO SURF 91

EMERGENCY OVERVIEW: This product may cause irritation to the skin. Defatting of the skin can occur with frequent or long-term skin contact.



Safety:

Please make sure you have read and understand the product label and MSDS before using this product. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Wash thoroughly after handling. Observe label precautions.

