



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-81-8206-025

Superfoam Drilling Foam Liquid

EXTRA Superfoam for Drilling

A biodegradable mixture of surfactants and foam stabilizer which has been formulated as a foaming agent fresh, brackish and sea water for various drilling operations. Superfoam Drilling Foam RXSOL is an upgraded concentrated premium anionic surfactants which has been formulated for use in the oil & gas, mineral and water well drilling engineering.

Application

SUPERFOAM DRILLING FOAM RXSOL may be used in a variety of drilling operations. Oil Well Drilling, ranging from simple air drilling to stiff foam drilling where the foam is reinforced by the use of polymers.

Usage

SuperFoam Drilling Foam for Oil and Gas Recommended Treatment:

Mix slowly through a jet mixer or sift slowly into the vortex of a high-speed stirrer.

Air drilling: 0.1-0.2%

Mist Drilling: 1.0%-2.0%

Stiff foam drilling: Mix Drilling Foam, 0.1-0.2% as foam stabilizer or 0.2-0.4%, Drilling Foam Foam Plus 1.0-1.5%

Properties

Parameters	Values
Appearance	Liquid
State	Viscous liquid
Colour	Clear to opaque
pH at 20°C±1°C	6.5 - 9.5
Specific Gravity at 20°C+1°C	1.0 ± 1.05
Pour point	(-) 5°C

Advantages

- It is fluorine free, non-toxic & biodegradable foam and hence environment friendly and poses no threat to workers and environment.
- Lubricates and cools the drill bit improves the hole cleaning
- Effectively carries cutting to surface and hence enhance the rate of cutting removal
- Reduces borehole erosion when drilling poorly consolidated formations
- Improves hole cleaning and increases penetration rates
- Effective in dust suppression during air drilling operation
- Reduces air requirements
- Reduces the tendency of softer clays to stick together

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