



**HYBRID CHEMICAL
TECHNOLOGIES**

FRICTION REDUCER

FR-101A

FR-101A is an economical anionic polyacrylamide emulsion friction reducer for fresh water and light brines (<5% NaCl Equivalence), ideal for a wide range of surface water temperatures. When pumping at high rates, the addition of a friction reducer can change the flow regime from turbulent to laminar flow, significantly reducing friction pressures.

APPLICATION

FR-101A is typically used at a loading of 0.5-1.0 L/m³, to observe a 70% reduction in friction pressure. It can be added on the fly and has fast inversion and hydration times. Compatible with most fracturing fluid additives.

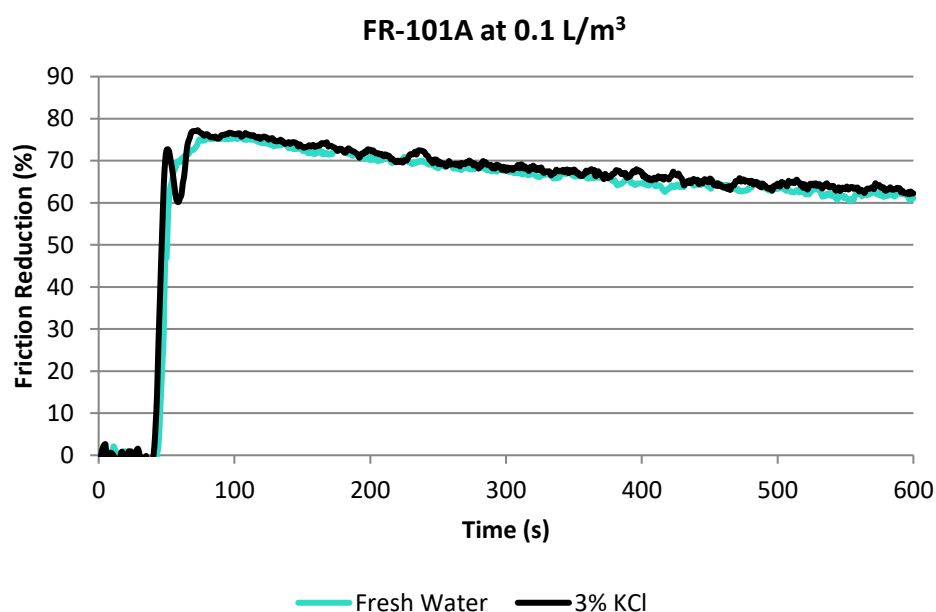
PROPERTIES

Appearance	White opaque liquid
Odour	Slight Hydrocarbon
Charge	Anionic
pH	6.5-9
Flash Point	>93.3°C

HANDLING & STORAGE

Handle wearing appropriate PPE. Ensure adequate ventilation. Refer to SDS for more information.

PERFORMANCE



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