



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/m<sup>3</sup>, 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.

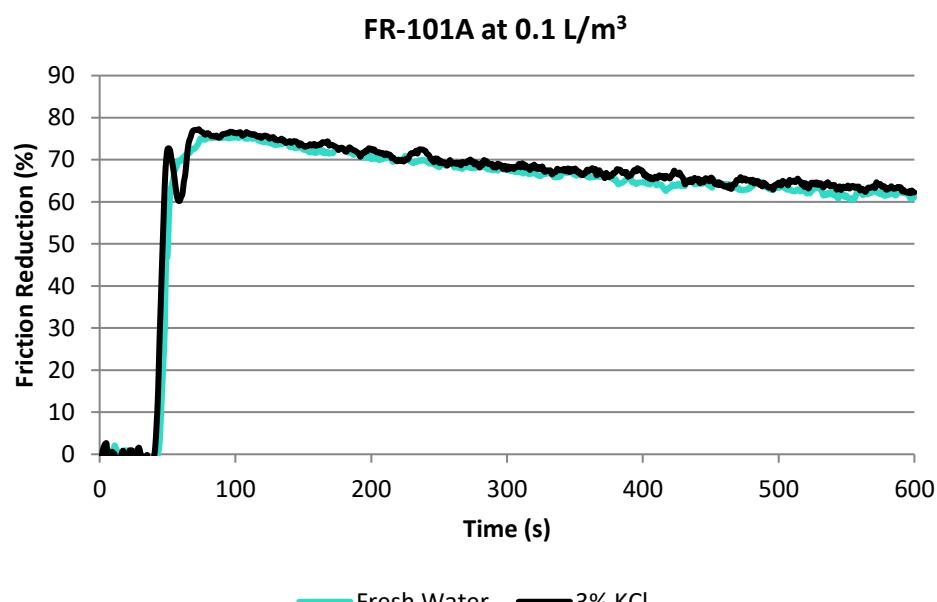
## PROPERTIES

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

## HANDLING & STORAGE

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

## PERFORMANCE



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