

## TouFlow SI-1 Scale Inhibitor

### Inhibition of scales in oilfield operations

Version 21/09/2020

## TECHNICAL DATA SHEET

<b>Description</b>	TouFlow SI-1 is an aqueous polymer-based solution.	
<b>Functionality</b>	TouFlow SI-1 is a threshold scale inhibitor that prevents nucleation and crystal growth. It is highly effective for prevention of calcium and barium sulfate scales. It readily inhibits the nucleation of various forms of calcium carbonates. TouFlow SI-1 shows an outstanding performance at low to moderate pH and in a variety of brine conditions. It fully controls scaling at temperatures up to 150 °C.	
<b>How to use</b>	TouFlow SI-1 is a ready-to-use product and can be fed directly into the water. The application dosage depends on water quality and the application environment.	
<b>General information</b>	Appearance at 20 °C	clear, brownish liquid
	Active Ingredient content	> 38 wt. %
	pH (10 wt.-% aq. solution)	9.5 - 10.5
	Density	1.3 kg/m <sup>3</sup> at 20 °C
	Flash point	> 110 °C
	Viscosity	20 - 60 mPa*s
	Solubility	readily miscible in water
<b>Safety and Handling</b>	Optimal storage temperature for the product is 20 - 25 °C. The product crystallizes below -12 °C and can be re-dispersed by heating and mechanical agitation without any negative effect on product efficiency.	
<b>Typical shelf life</b>	12 months (closed container)	
<b>Packaging</b>	Drum (250 kg)	
<b>Contact</b>	info@tougas-oil.com TouGas Oilfield Solutions GmbH, Germany www.tougas-oil.com	

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