

## QUIMAFLUX ST Additive for drilling

### Chemical composition:

**QUIMAFLUX ST** is a solution of synthetic polymer with very high deflocculating power, which is used to reduce plasticity of clays.

### Description:

<p><b>Quimaflux ST</b> is an organic deffloculant that improves drilling process when high plasticity and expansive clays.</p> <p><b>Quimaflux ST</b> is used as a dispersing agent, and is suitable for bentonite mud when quantity of solids has increase while drilling.</p> <p><b>Quimaflux ST</b> is biodegradable. This product can be used alone or in combination with other drilling additives.</p>	PROPERTY	VALUE	UNIT
	<b>Aspect:</b>	<b>Brown viscous liquid</b>	
	<b>Density (20°C)</b>	<b>1.0-1.2</b>	<b>Kg/l</b>
	<b>Viscosity (20°C)</b>	<b>200-400</b>	<b>cp</b>
	<b>pH Value (20°C)</b>	<b>7-9</b>	
	<b>Purity</b>	<b>&gt;38</b>	<b>%</b>

### Applications:

**QUIMAFLUX ST** is used to reduce viscosity and plasticity of clays. The main advantages of this product are:

- **Improve drilling process with sticking clays and expansive clays.**
- **Reduces viscosity of drilling fluid.**
- **Facilitate the removal of cuttings inside the hole.**
- **Keeps drill clean when drilling sticking clays.**

### How to use :

**QUIMAFLUX ST** is directly added to the water for drilling, stirring the mixture until homogeneous. It can be also added directly to the hole.

There is not a specific dosage for this product because it depends on drilling, but normal dosage can be between **0.5-2.0%** of total water.

### Presentation and storage:

**QUIMAFLUX ST** is provided in bottles of 25 litres, drums of 210 litres, and tanks of 1000 litres. The product is stable during 8 months in properly storage conditions.